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Math in Focus[®]

Singapore Math[®] by Marshall Cavendish

Workbook

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BLANK

CHAPTER
10**Weight****Practice 1 Comparing Things**

Circle your answer.

Example

Which is lighter?



watermelon



lemon

Which is heavier?

1.

Jansen



Kitty

2.

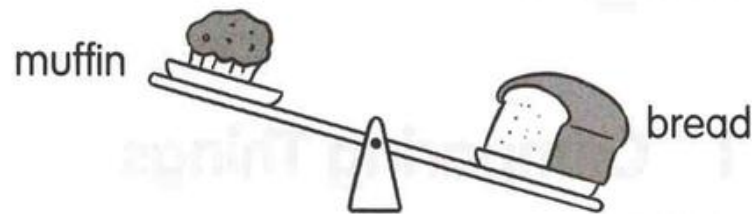
crab



John

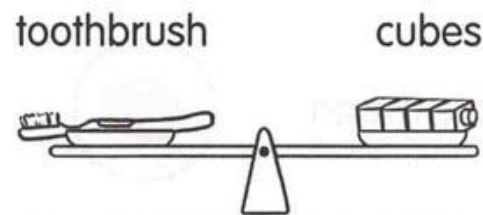
Fill in the blanks with *heavier than*, *lighter than* or *as heavy as*.

Example



The bread is heavier than the muffin.

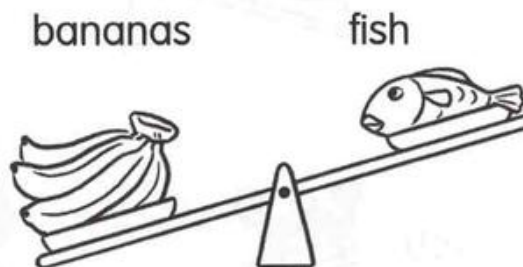
3.



The toothbrush is _____ the cubes.

The cubes are _____ the toothbrush.

4.

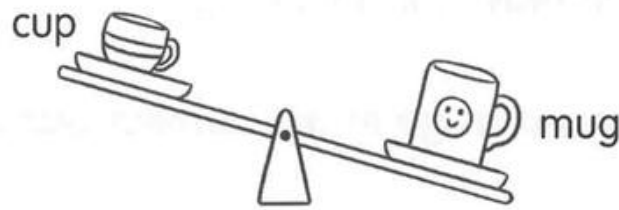


The fish is _____ the bananas.

The bananas are _____ the fish.

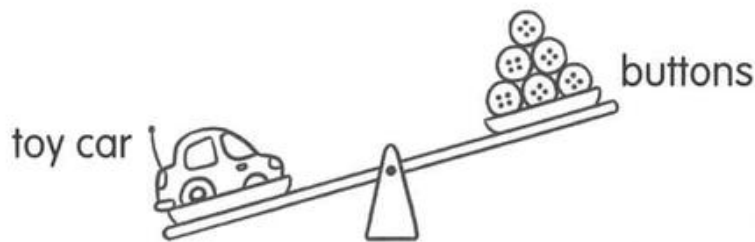
Fill in the blanks.

Example



The mug is heavier than the cup.

5.



The _____ is heavier than the _____.

The _____ are lighter than the _____.

6.



The _____ is heavier than the _____.

The _____ is lighter than the _____.

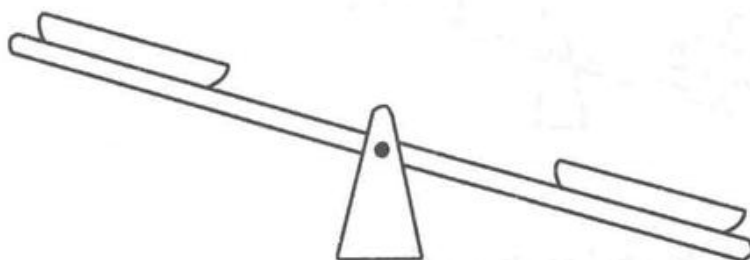
7. Mrs. Todd has an apple and an orange.
She puts them on a balance.
The orange is heavier than the apple.

Draw the apple and orange in the correct pans.

apple



orange

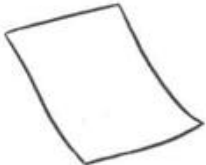
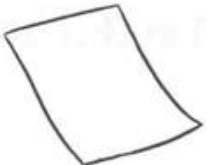
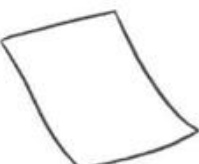
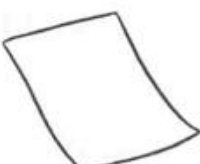


Name: _____

Date: _____

Guess which is heavier.
Color the heavier object.
Then check using a balance.
Circle the heavier object.

8.

My Guess		It Is	
 orange	 scissors	 orange	 scissors
 book	 a piece of paper	 book	 a piece of paper
 a piece of paper	 2 paper clips	 a piece of paper	 2 paper clips
 orange	 book	 orange	 book

9. How many correct guesses did you make? _____

Look at the things.
Fill in the blanks.



feather



ostrich



egg

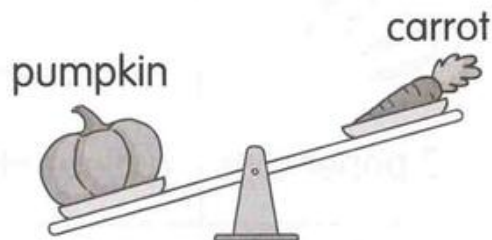
10. The _____ is the heaviest.

11. The _____ is the lightest.

Fill in the blanks.



12. The _____ is lighter than the _____.



13. The _____ is heavier than the _____.

14. So, the pumpkin is heavier than the _____.

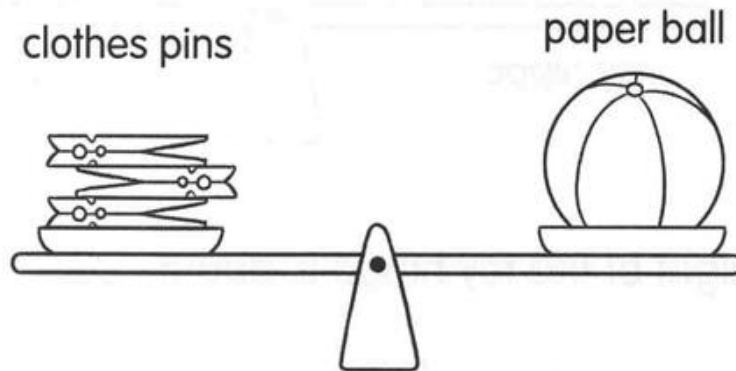
15. The _____ is the heaviest.

16. The _____ is the lightest.

Practice 2 Finding the Weight of Things

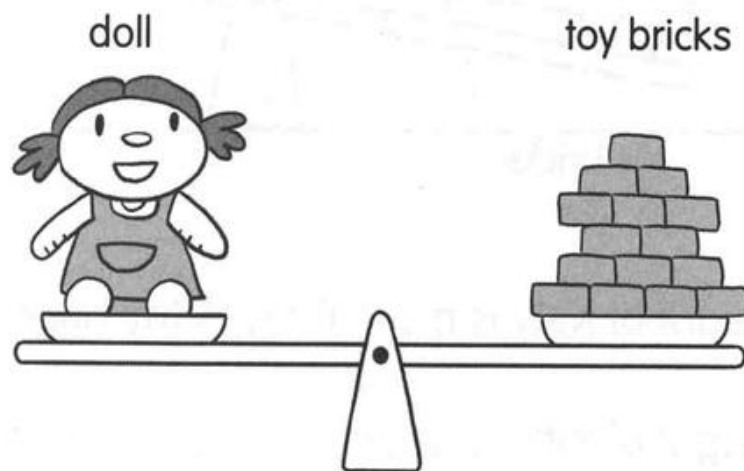
Fill in the blanks.

Example



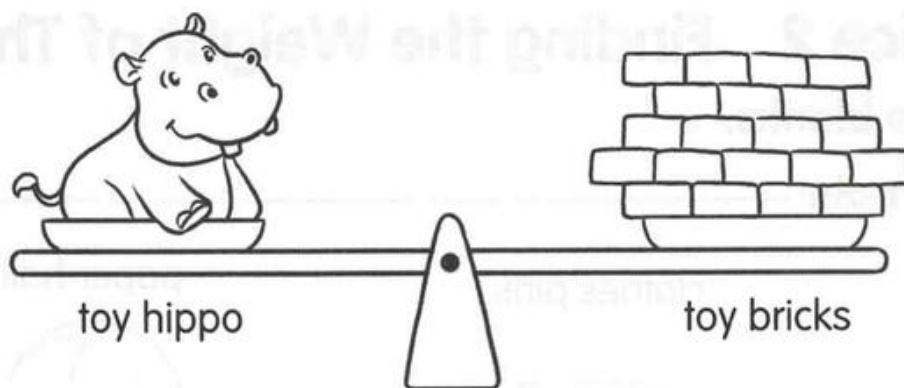
The weight of the paper ball is about 3 clothes pins.

1.



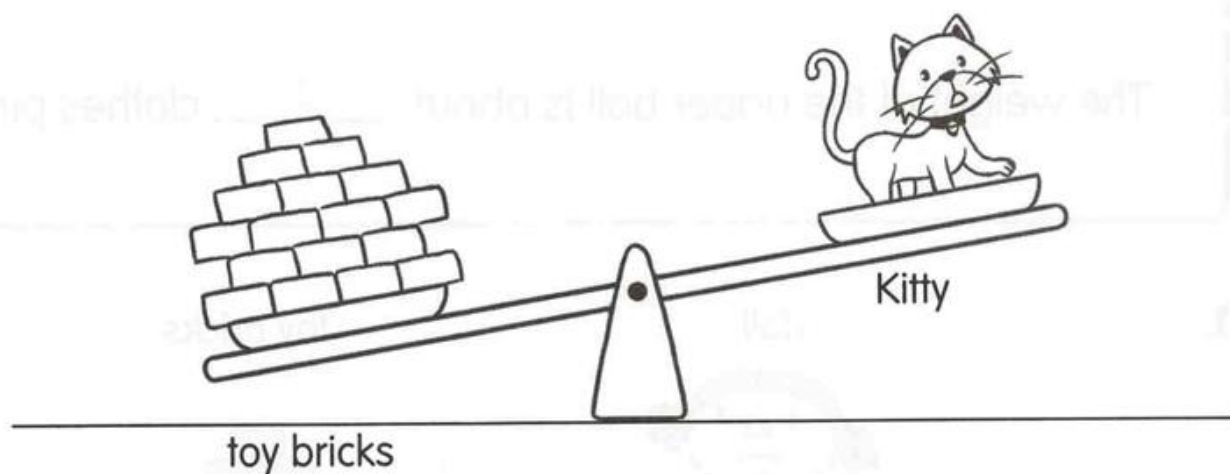
The weight of the doll is about _____ toy bricks.

2.



The weight of the toy hippo is about _____ toy bricks.

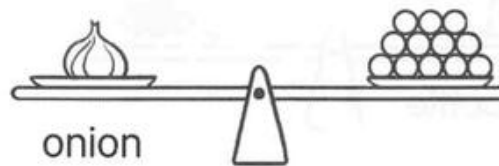
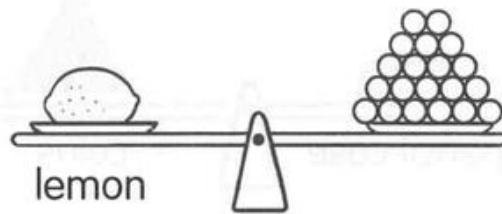
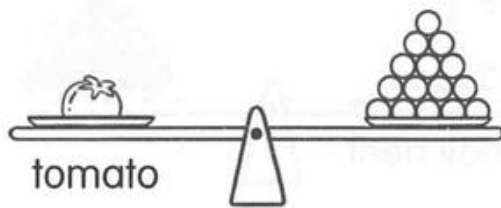
3.



The weight of Kitty is more than 15 toy bricks.

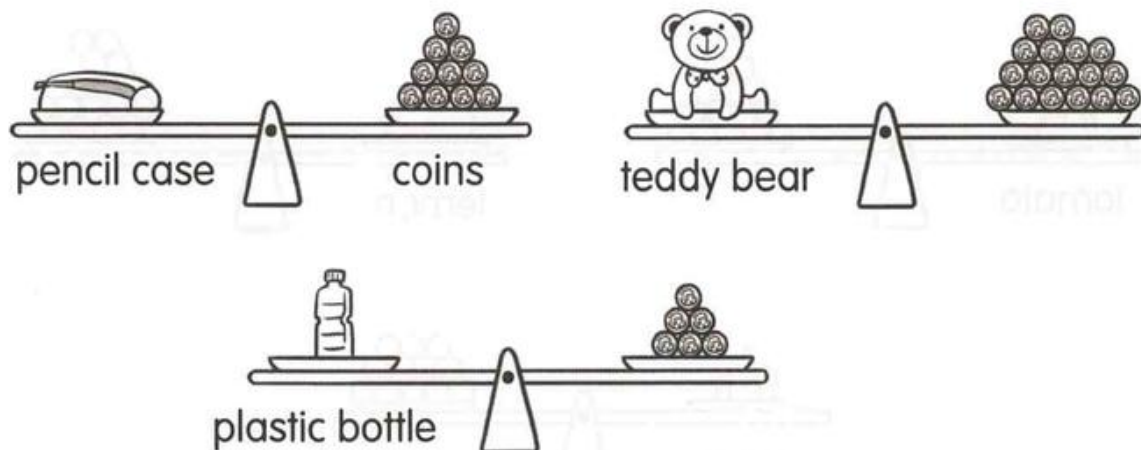
The weight of Kitty is about _____ toy bricks.

Look at the pictures
Then fill in the blanks.



4. The weight of the tomato is about _____ beads.
5. The weight of the lemon is about _____ beads.
6. The weight of the onion is about _____ beads.
7. The tomato is heavier than the _____.
8. The tomato is lighter than the _____.
9. The _____ is the heaviest.
10. The _____ is the lightest.

Look at the pictures.
Then fill in the blanks.



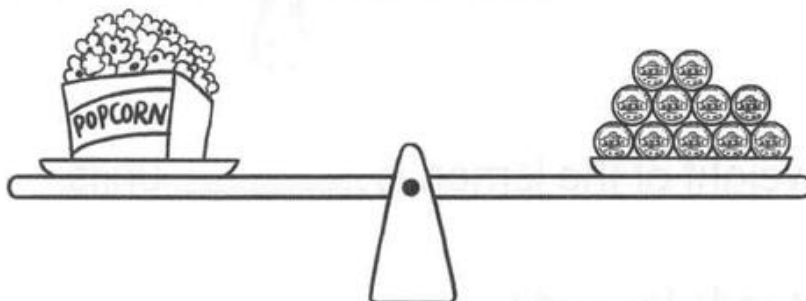
11. The weight of the pencil case is _____ coins.
12. The weight of the plastic bottle is _____ coins.
13. The weight of the teddy bear is _____ coins.
14. The _____ is heavier than the plastic bottle.
15. The _____ is lighter than the teddy bear.
16. The pencil case is heavier than the _____.
17. The _____ is lighter than the _____.
18. The heaviest thing is the _____.
19. The lightest thing is the _____.

Practice 3 Finding Weight in Units

Fill in the blanks.

Example

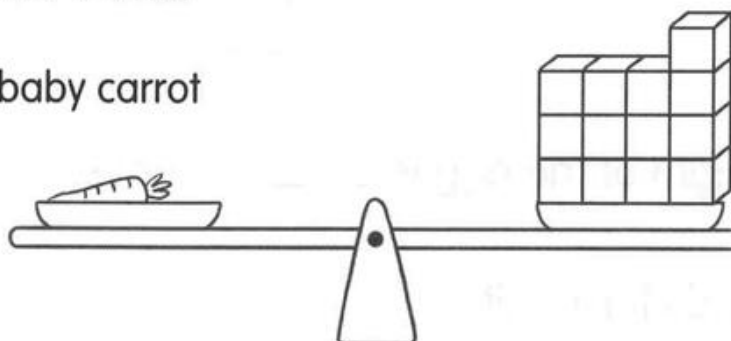
1  stands for 1 unit.



The weight of the box of popcorn is 11 units.

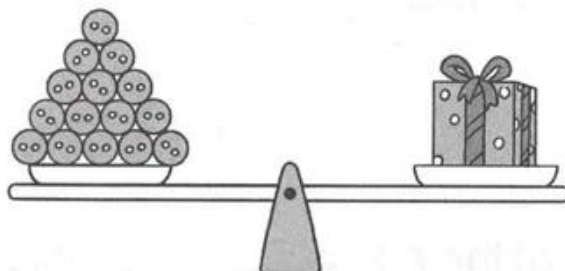
1. 1  stands for 1 unit.

baby carrot



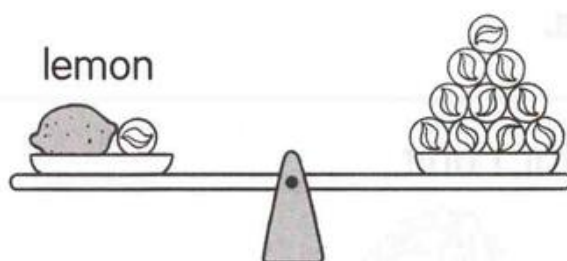
The weight of the baby carrot is _____ units.

2. 1  stands for 1 unit.



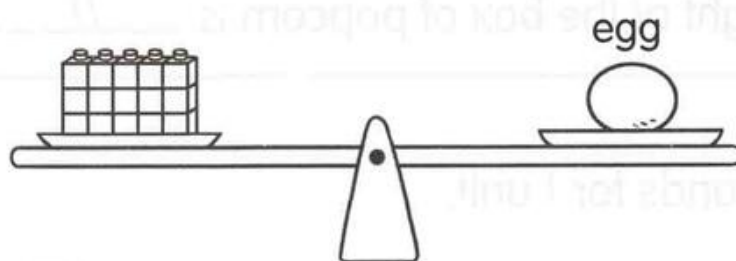
The weight of the gift is _____ units.

3. 1  stands for 1 unit.



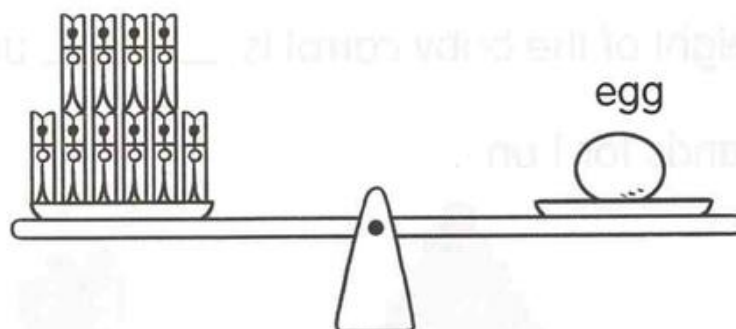
The weight of the lemon is _____ units.

4. 1  stands for 1 unit.



The weight of the egg is _____ units.

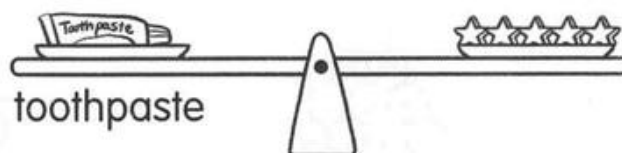
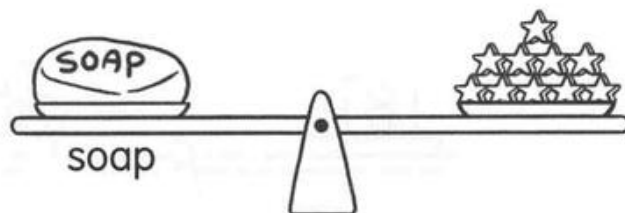
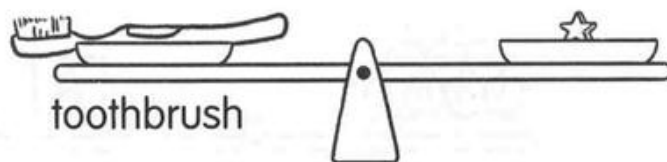
5. 1  stands for 1 unit.



The weight of the egg is _____ units.

Fill in the blanks.

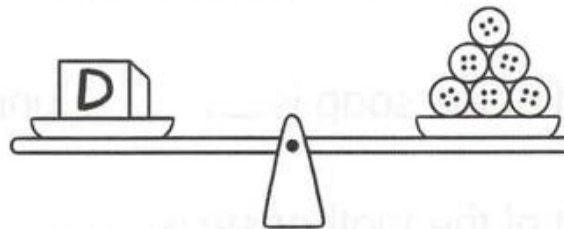
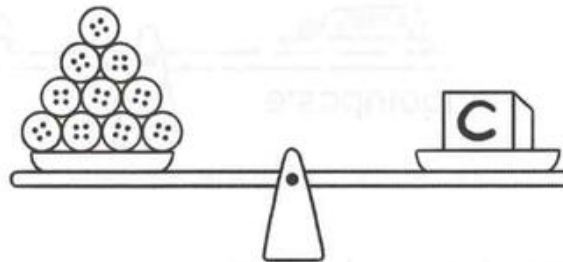
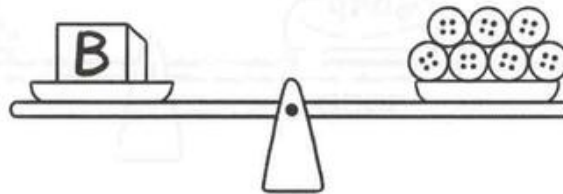
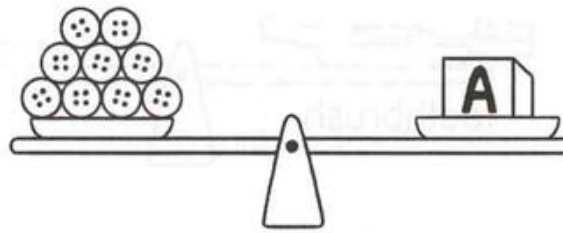
1 ☆ stands for 1 unit.



6. The weight of the toothbrush is _____ unit.
7. The weight of the soap is _____ units.
8. The weight of the toothpaste is _____ units.
9. The _____ is lighter than the toothpaste.
10. The soap is heavier than the _____.
11. The _____ is the heaviest.
12. The _____ is the lightest.

Fill in the blanks.

1  stands for 1 unit.



13. The weight of Box A is _____ units.

14. The weight of Box B is _____ units.

15. The weight of Box C is _____ units.

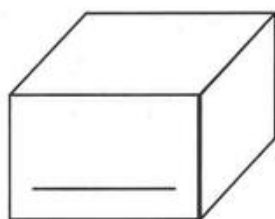
16. The weight of Box D is _____ units.

17. Box _____ is the heaviest.

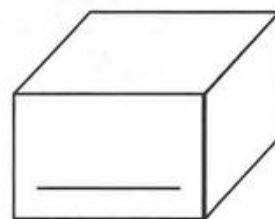
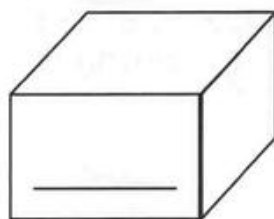
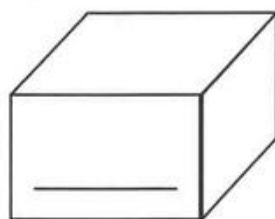
Name: _____

Date: _____

18. Box _____ is the lightest.
19. Box _____ is heavier than Box D.
20. Box _____ is lighter than Box A.
21. Arrange the Boxes A to D in order from the heaviest to the lightest.



heaviest

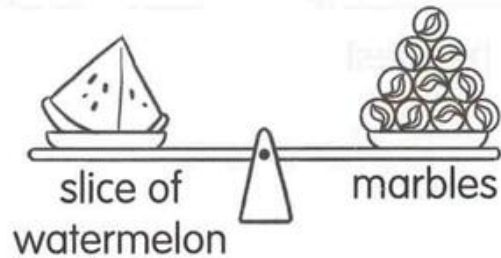
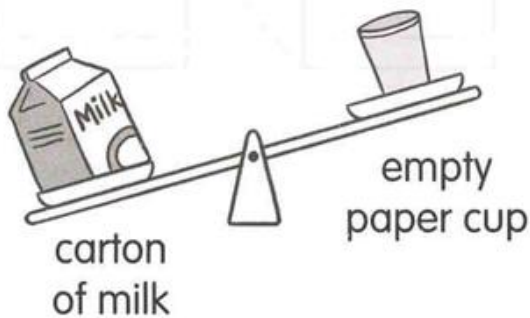
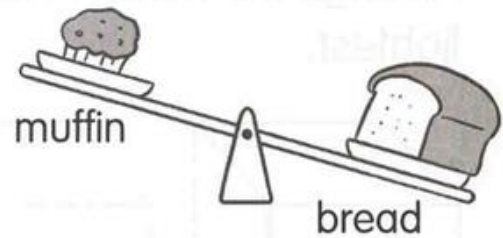
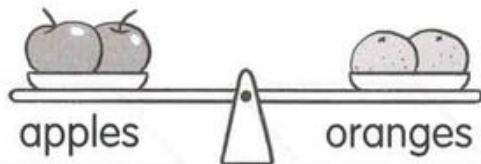




Math Journal

Look at the pictures.

1  stands for 1 unit.



Write the correct answer.

1. The _____ are as heavy as the _____.
2. The _____ is heavier than the _____.
3. The _____ is lighter than the _____.
4. The slice of watermelon is _____ units.



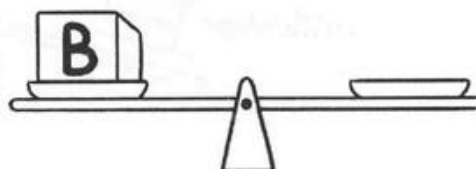
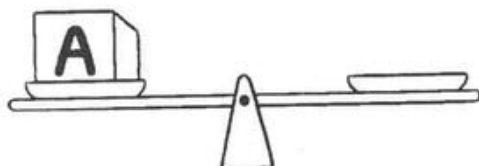
Put On Your Thinking Cap!



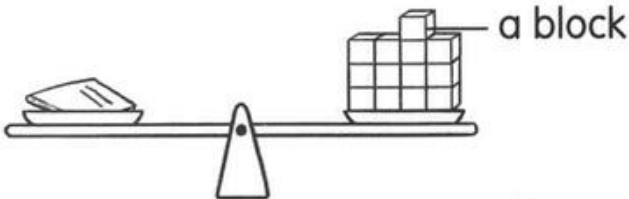
Challenging Practice

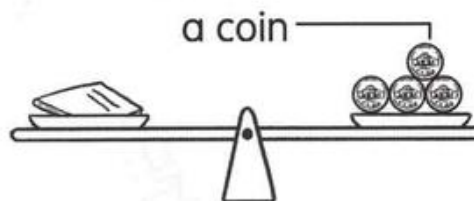
Solve.

1. Box A has a weight of 6 beads.
Box B is 2 beads heavier than Box A.
Draw the beads for Box A and Box B.



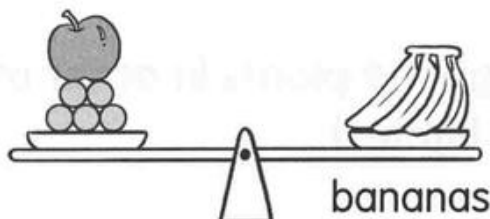
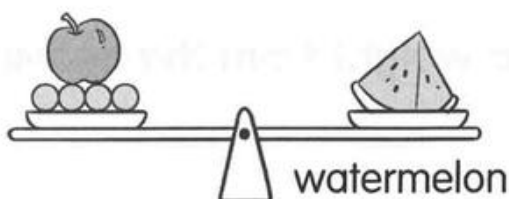
Look at the pictures.
Then answer the question.

2. 



Which is heavier, a block or a coin? _____

Write *bananas* or *watermelon* in the blanks.



3. The _____ are heavier than the _____.



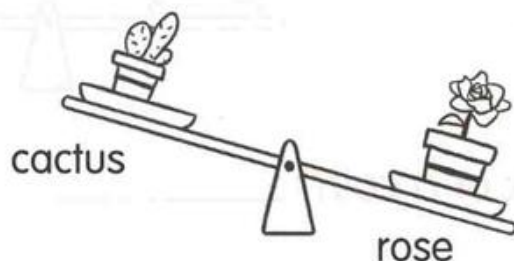
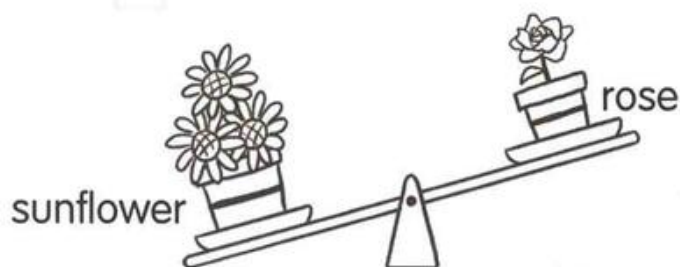
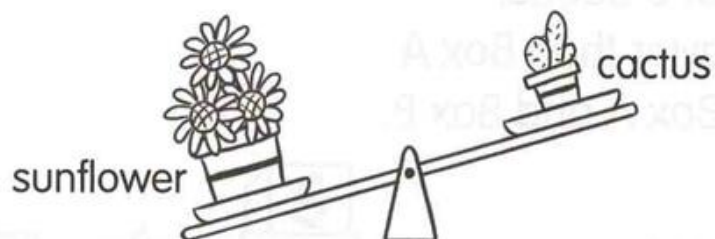
Put on Your Thinking Cap!



Problem Solving

Look at the plants.

1.



Arrange the plants in order of their weight from the heaviest to the lightest.

heaviest

Chapter Review/Test

Vocabulary

Choose the correct word.

1. The _____ of a thing is how heavy or light it is.
2. A _____ is the quantity used for measuring a thing.
3. A lion is a _____ animal.

weight

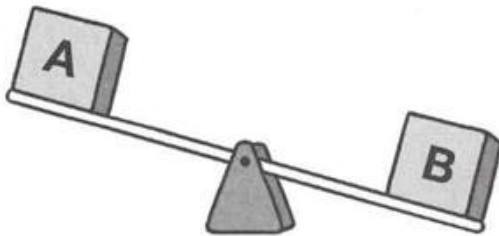
unit

heavy

as heavy as

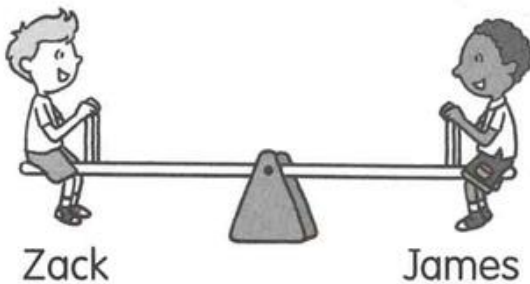
lighter

4.



Box A is _____ than Box B.

5.



James is _____ Zack.

Concepts and Skills

Fill in the blanks.

6.



baby



boy

The _____ is heavier.

The _____ is lighter.

Check (✓) the heavier thing.

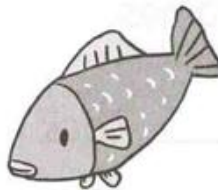
7.

☐☐

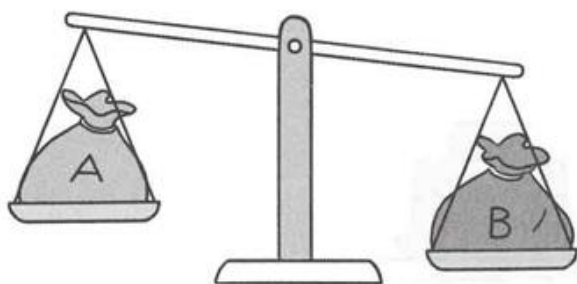
8.

☐☐

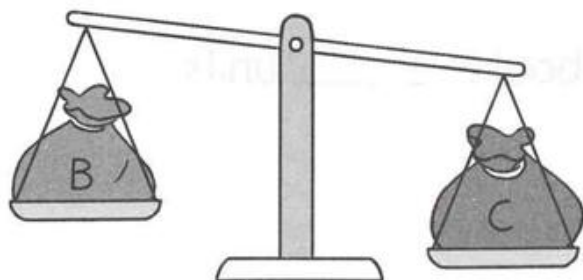
9.

☐☐

10.



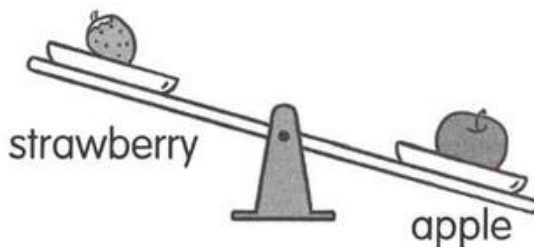
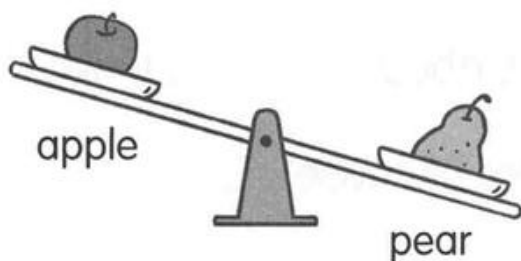
Bag A is _____ than Bag B.



Bag B is _____ than Bag C.

So, Bag A is _____ than Bag C.

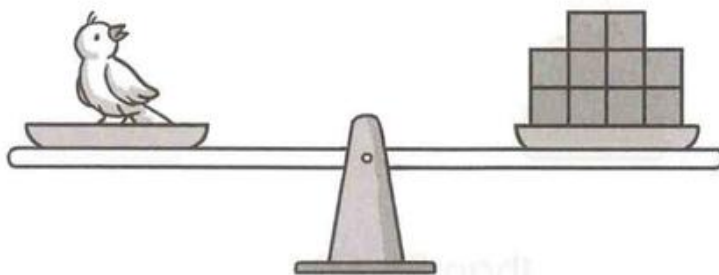
11.



The _____ is the heaviest.

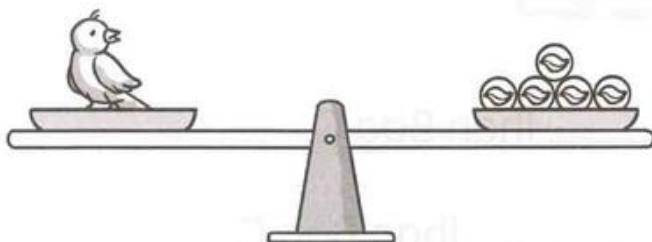
The _____ is the lightest.

1 ■ stands for 1 unit.



12. The weight of the bird is about _____ units.

1 Ⓢ stands for 1 unit.



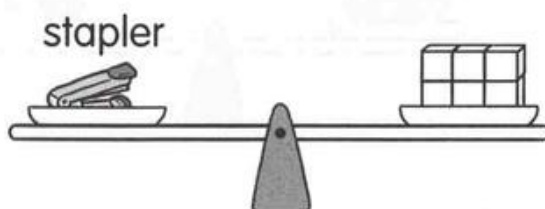
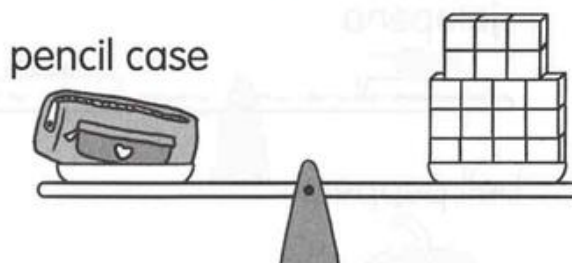
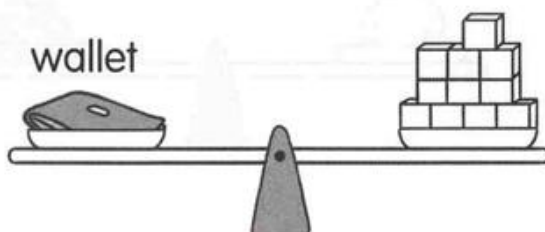
13. The weight of the same bird is about _____ units.

14. The number of units is different because _____.

_____.

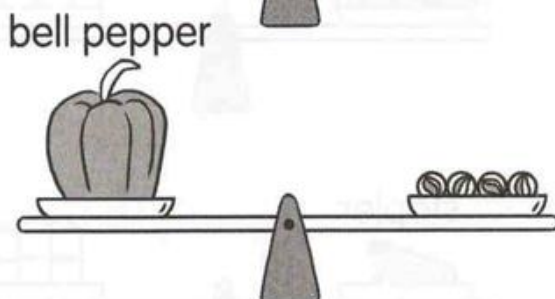
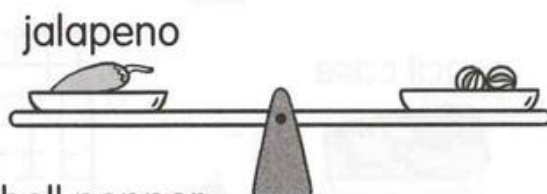
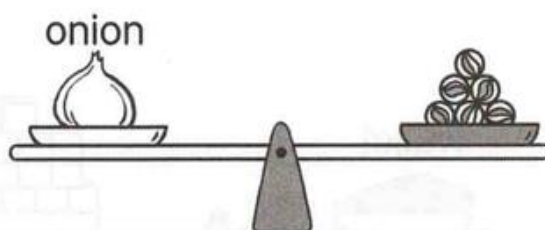
Problem Solving

Solve.



15. The weight of the wallet is _____ .
16. The weight of the pencil case is _____ .
17. The weight of the stapler is _____ .
18. Which is the heaviest? _____
19. Which is the lightest? _____
20. The _____ is heavier than the _____.
21. The _____ is lighter than the _____.

1  stands for 1 unit.



22. What is the weight of the onion? _____ units
23. What is the weight of the jalapeno? _____ units
24. What is the weight of the bell pepper? _____ units
25. Which is the heaviest? _____
26. Which is the lightest? _____
27. Arrange the things in order from the lightest to the heaviest.

_____, _____, _____
lightest

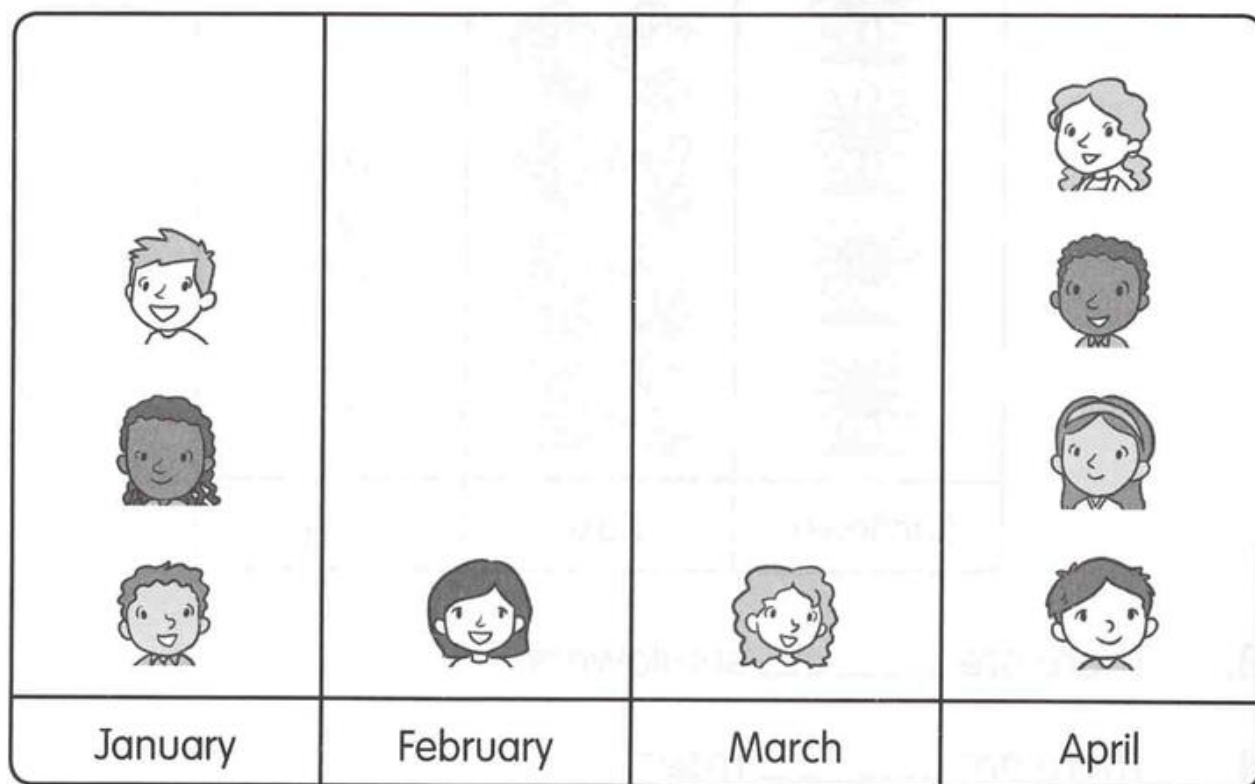
CHAPTER 11

Picture Graphs and Bar Graphs

Practice 1 Simple Picture Graphs

Daniel draws a picture graph of his friends' birth months.

Daniel's Friends' Birth Months



Use the graph to answer the questions.

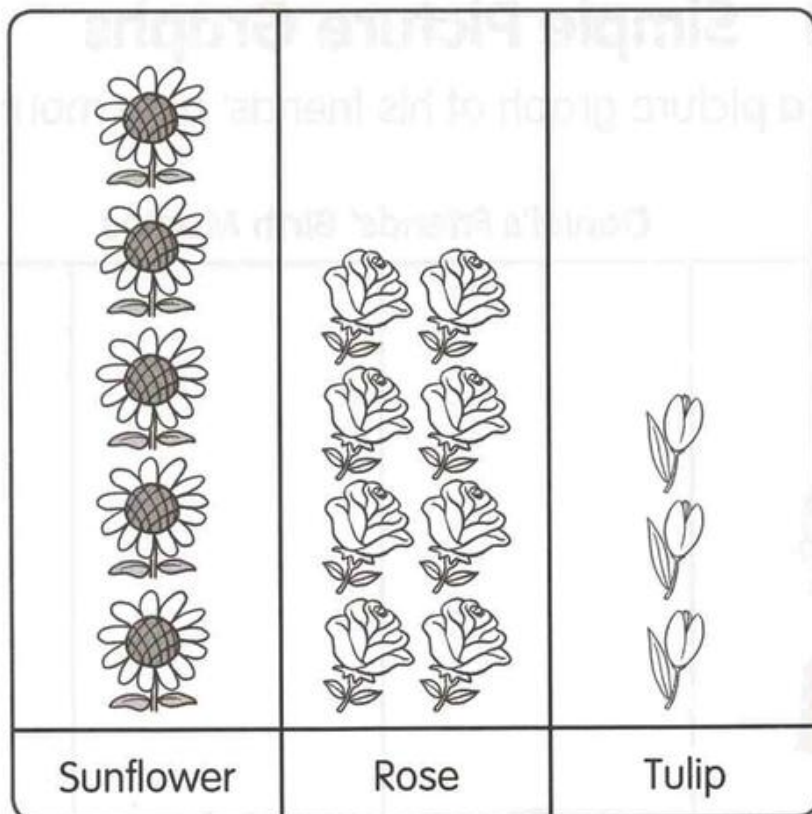
- How many friends are born in January? _____
- In which month are most of his friends born? _____

Look at the picture graph.

Then fill in the blanks.

This picture graph shows the flowers in Shana's garden.

Flowers in Shana's Garden



3. There are _____ sunflowers.
4. There are _____ roses.
5. There are _____ tulips.
6. There are _____ more roses than tulips.
7. There are _____ fewer tulips than sunflowers.
8. There are _____ flowers in all.

Look at the picture graph.
Then fill in the blanks.

This picture graph shows all the toys in Annie's toy box.

Toys in Annie's Toy Box

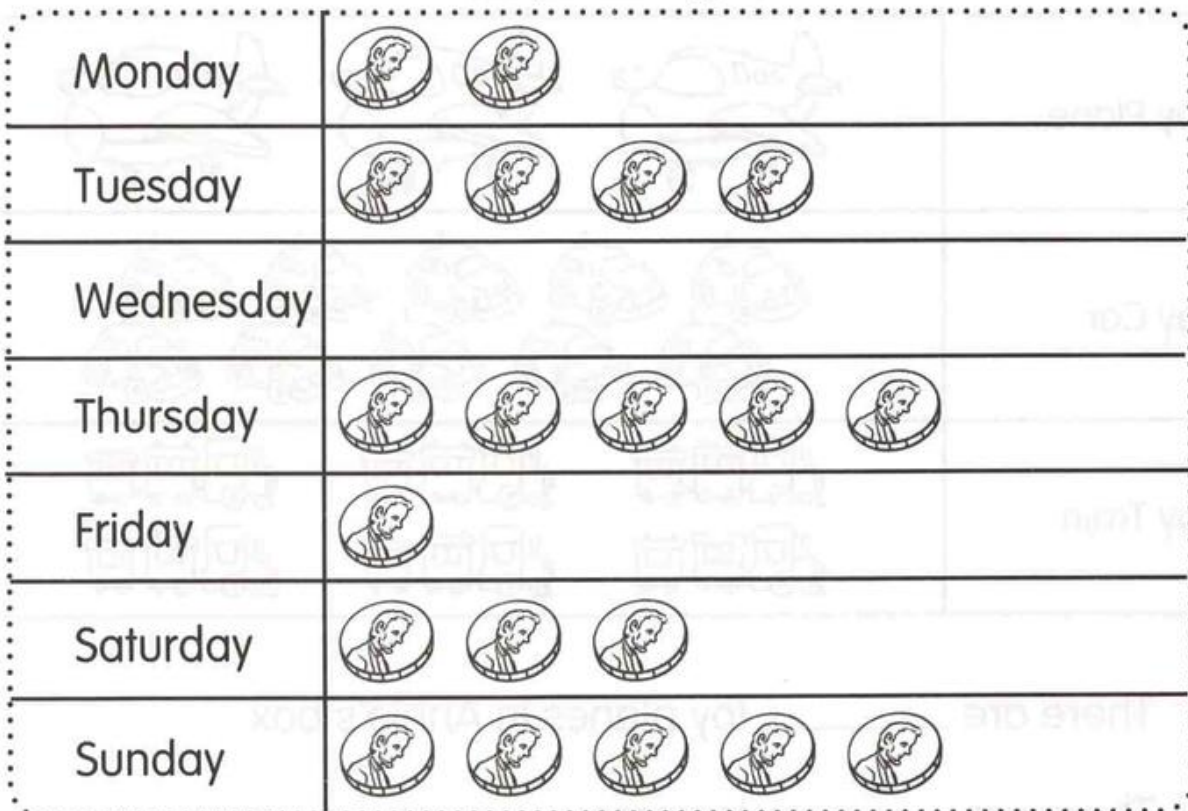
Toy Plane	  
Toy Car	         
Toy Train	     

9. There are _____ toy planes in Annie's box.
10. There are _____ toy cars.
11. There are _____ toy trains.
12. The number of _____ is the greatest.
13. The number of _____ is the least.
14. Annie has _____ toys in all.
15. There are _____ more toy cars than toy trains.
16. There are 7 fewer _____ than _____.

Look at the picture graph.
Then fill in the blanks.

This picture graph shows the coins Barry saves in a week.

Barry's Savings



17. How many coins does Barry save on Monday? _____ coins
18. How many coins does he save on Tuesday? _____ coins
19. Barry saves 1 coin on Friday.
He saves _____ more coins on Saturday.
20. How many coins in all does he save from Thursday to Saturday? _____ coins
21. He does not save on _____.

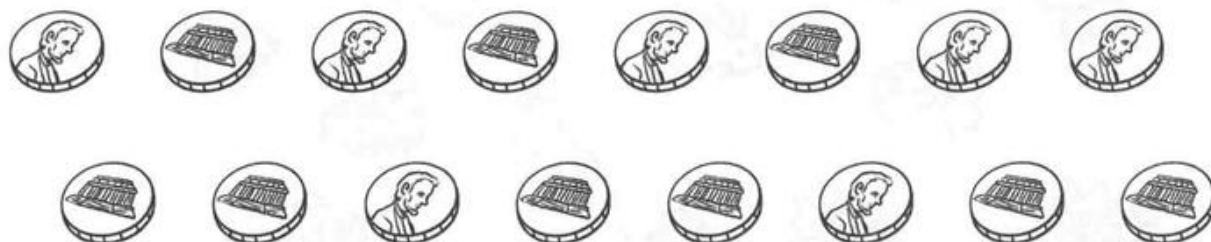
Practice 2 More Picture Graphs

Alonso has a coin.

Every time he tosses the coin, he gets heads  or tails .

Alonso tosses the coin many times.

This is what he gets:



Count the tosses.

Color a ☐ for each toss.

Alonso's Tosses

Each ☐ stands for 1 toss.

1.  comes up _____ times.

2.  comes up _____ times.

3. Color the side that comes up more times.  

4.  comes up _____ more times than .

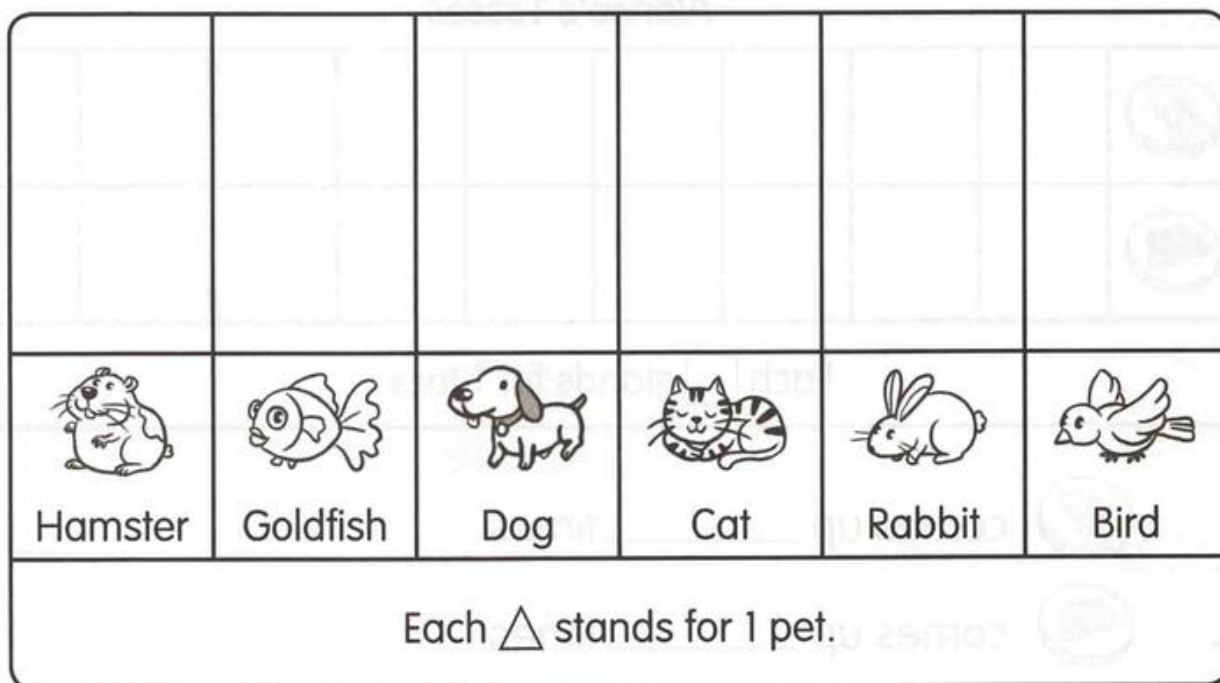
Every student in Grade 1 has a pet.
The picture shows their pets.



Count the pets and complete the picture graph.

Grade 1's Pets

5.



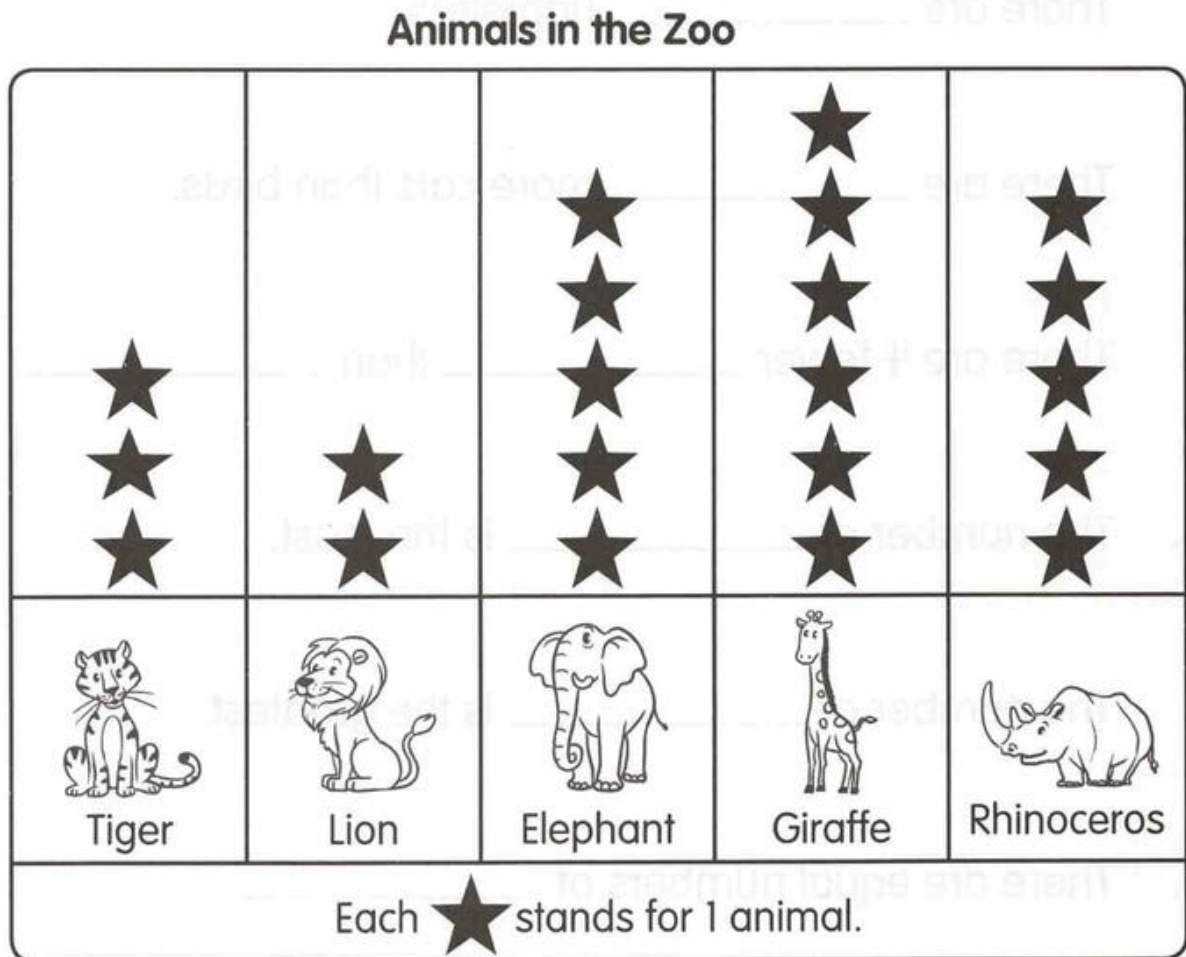
Fill in the blanks.

6. The most popular pet is the _____.
7. There are _____ hamsters.
8. There are _____ more cats than birds.
9. There are 4 fewer _____ than _____.
10. The number of _____ is the least.
11. The number of _____ is the greatest.
12. There are equal numbers of _____
and _____.

Look at the picture graph.
Then fill in the blanks.

Monica goes to the zoo.

She makes a picture graph that shows the animals she sees.

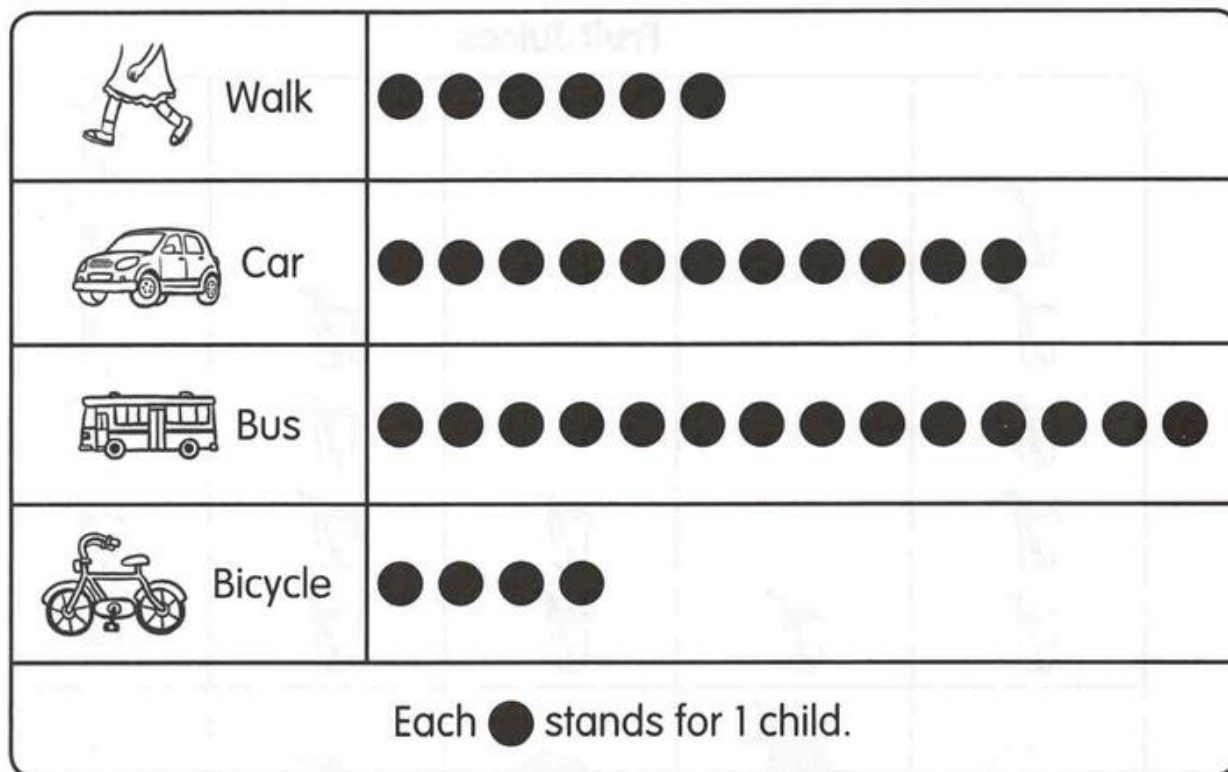


13. Monica sees _____ tigers.
14. She also sees _____ giraffes.
15. She sees the most _____.
16. She sees the fewest _____.
17. There are _____ more rhinoceroses than lions.
18. There are _____ fewer tigers than elephants.

Look at the picture graph.
Then fill in the blanks.

This picture graph shows how a group of children goes to school.

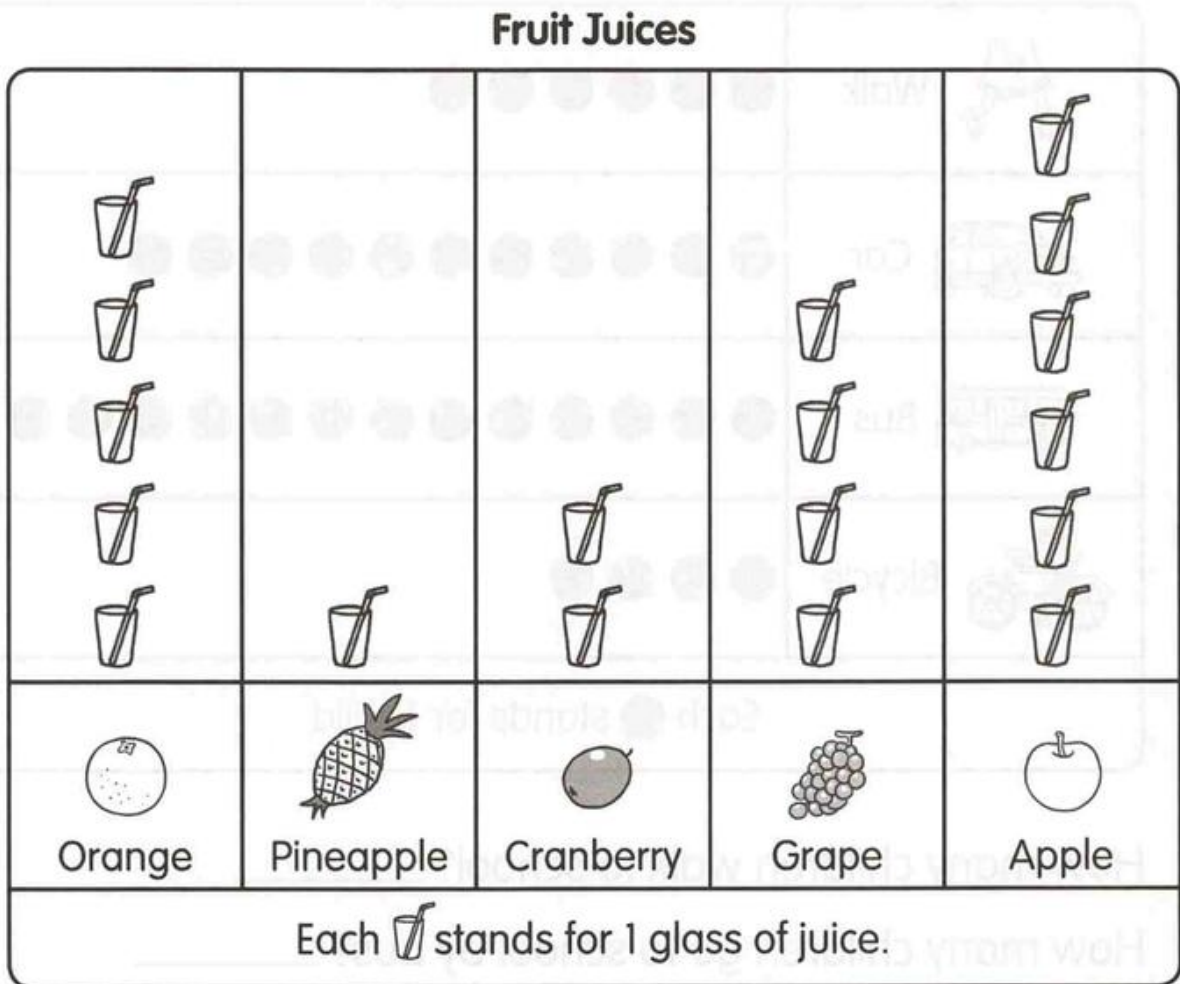
Ways of Going to School



19. How many children walk to school? _____
20. How many children go to school by bus? _____
21. How do most of the children go to school? _____
22. The fewest children go to school by _____.
23. More children walk to school than ride a bicycle.
How many more? _____
24. Fewer children go to school by car than by bus.
How many fewer? _____

Look at the picture graph.
Then fill in the blanks.

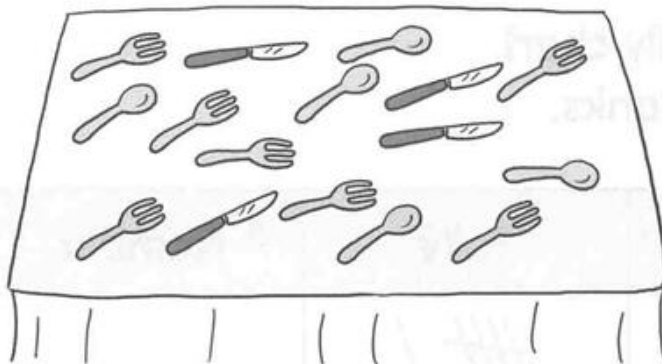
Jason invites his friends to a party.
 This picture graph shows the fruit juices they drink.



25. The children drink _____ glasses of cranberry juice.
26. What is the most popular juice? _____
27. They drink fewer glasses of pineapple juice than orange juice.
 How many fewer? _____
28. How many types of juices do they drink? _____

Practice 3 Tally Charts and Bar Graphs

There are some spoons, forks, and knives on the table.



Complete the tally chart.
Then answer the questions.

Silverware	Tally	Number
 Spoon		5
 Fork		
 Knife		

- How many spoons are there? _____
- How many knives are there? _____
- There are 2 more _____ than spoons.
- How many fewer knives than forks are there? _____

Kelly bought balloons for her party.
The tally chart shows the different colors of balloons she bought.

Complete the tally chart.

Then fill in the blanks.

5.

Balloons	Tally	Number
Red	### /	
Blue	###	
Yellow	### ### ###	

6. Kelly bought _____ red balloons.
7. She bought _____ blue balloons.
8. Kelly bought _____ more yellow balloons than blue balloons.
9. She bought 9 fewer _____ balloons than _____ balloons.

Abby bought some seed packages.

The tally chart shows the different kinds of seeds she bought.

Complete the tally chart.

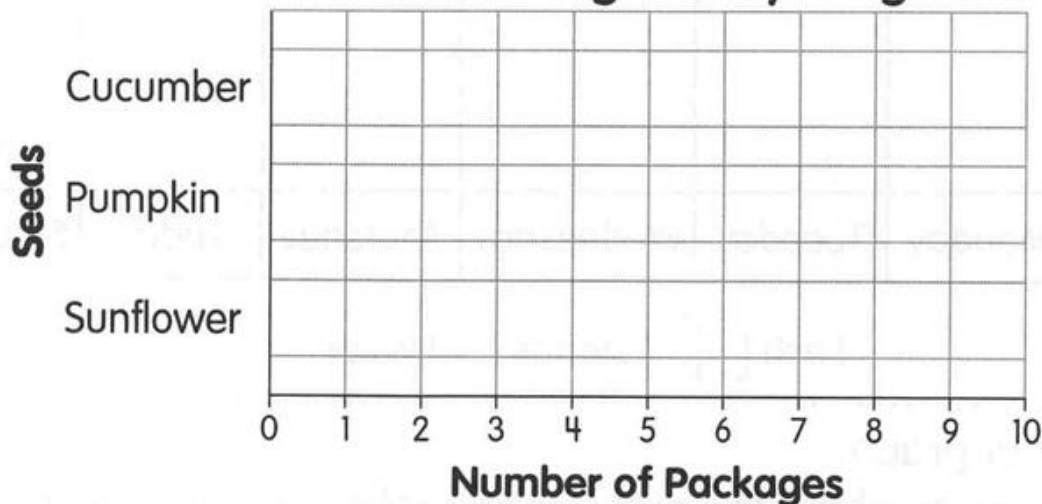
10.

Seed Packages	Tally	Number
Cucumber	### //	
Pumpkin	///	
Sunflower	###	

Make a bar graph.

11.

Seed Packages Abby Bought



Answer the questions.

12. How many packages of sunflower seeds did she buy? _____
13. How many more packages of cucumber seeds than pumpkin seeds did she buy? _____
14. How many packages of seeds did she buy in all? _____
15. She bought 2 more packages of _____ seeds than sunflower seeds.



Math Journal

Keep a record of how many books you read this week.
Include the books you read in class and those your teacher or
your family reads to you.

Draw  to represent 1 book.

Number of Books I Read this Week

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

Each  stands for 1 book.

Look at your graph.

Write sentences about the number of books you have read.

You may use the words below.

more than

less than

most

fewest



Put on Your Thinking Cap!

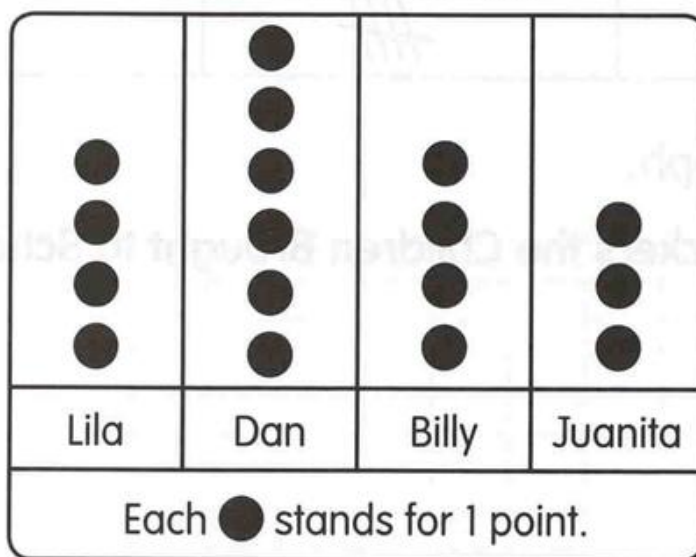


Challenging Practice

Team A, Team B, and Team C play a game.
The graph shows the number of points each child
on Team A scores.

Answer the questions.

Points for Team A



- How many points did Team A score in all? _____
- Team B scores 7 points fewer than Team A.
How many points does Team B score? _____
- Team A scores 3 points fewer than Team C.
How many points does Team C score? _____

Tina and her friends, Eva and Pedro, brought some crackers to school. The tally chart shows the number of crackers each child brought.

Complete the tally chart.

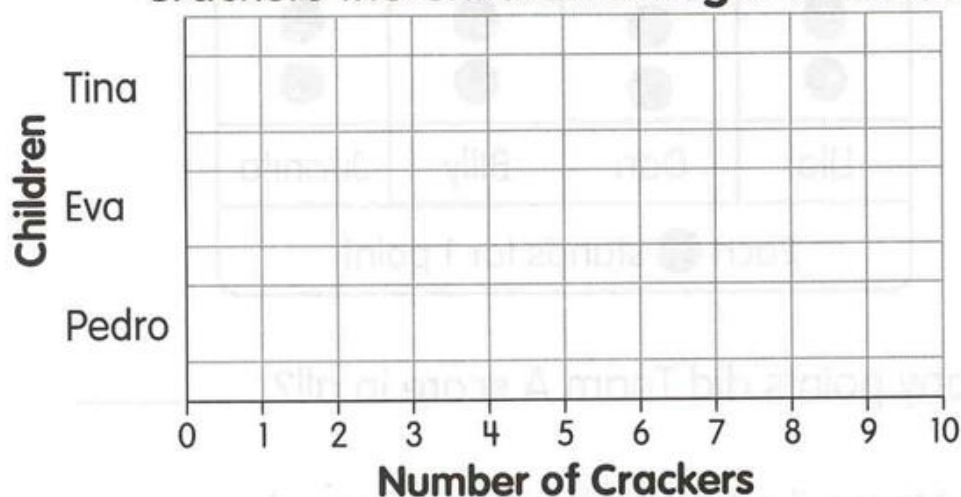
4.

Children	Tally	Number of Crackers
Tina	### //	
Eva	///	
Pedro	###	

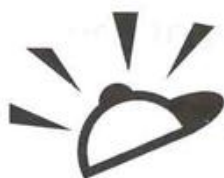
Make a bar graph.

5.

Crackers the Children Brought to School



6. How many crackers did Pedro bring? _____
7. How many more crackers did Tina bring than Eva? _____
8. How many crackers did the children bring in all? _____
9. Tina brought _____ more crackers than Pedro.



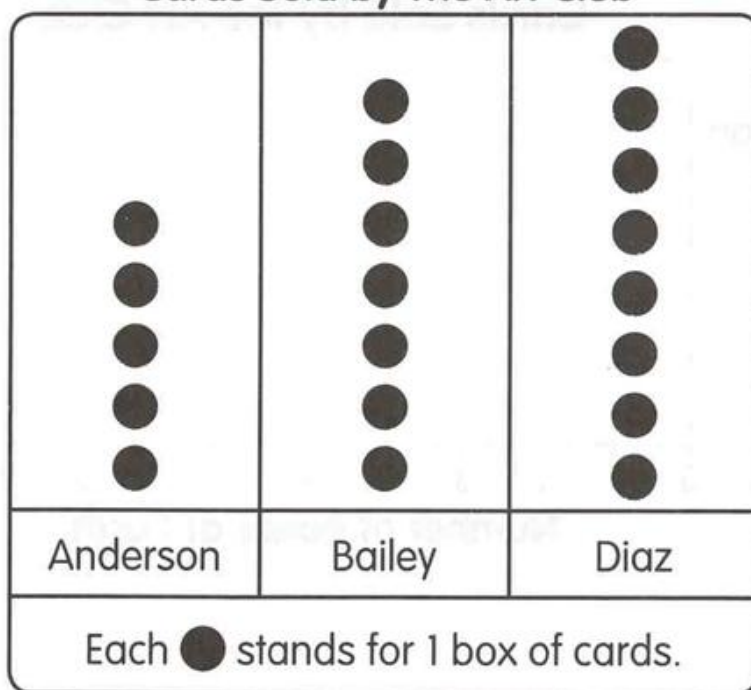
Put on Your Thinking Cap!



Problem Solving

The Art Club sold boxes of cards to three families along the same street.

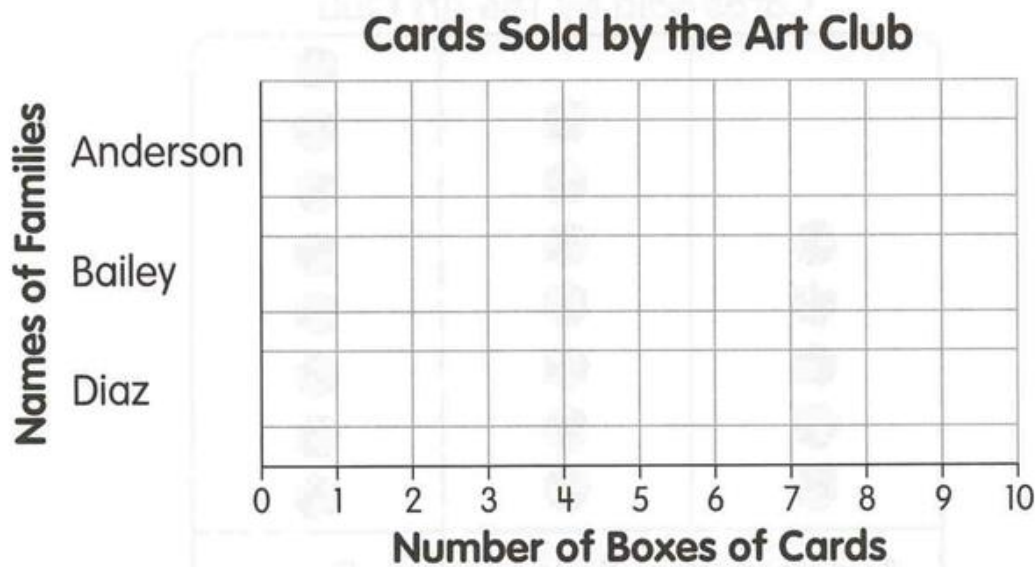
Cards Sold by The Art Club



Fill in the blanks.

1. The Bailey family bought _____ boxes of cards.
2. The _____ family bought the fewest boxes of cards.
3. The _____ family bought the most boxes of cards.

4. The Anderson family bought _____ fewer boxes of cards fewer than the Bailey family.
5. The families bought _____ boxes of cards in all.
6. Make a bar graph.



Chapter Review/Test

Vocabulary

Choose the correct word.

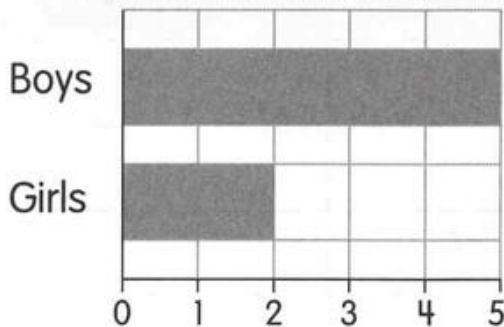
1. A _____ uses bars and a scale to show data.

more

fewer

bar graph

Children at the Library



2. There are _____ girls than boys.
3. There are _____ boys than girls.

Concepts and Skills

The tally chart shows some children's favorite musical instruments.

Favorite Instruments	Tally	Number
Piano	###	9
Guitar	### ### //	12
Drum	### /	6

4. _____ is the most popular musical instrument.
5. _____ is the favorite musical instrument of the fewest children.

Problem Solving

A recycling project was carried out in a class.

Some children brought bottles for recycling.

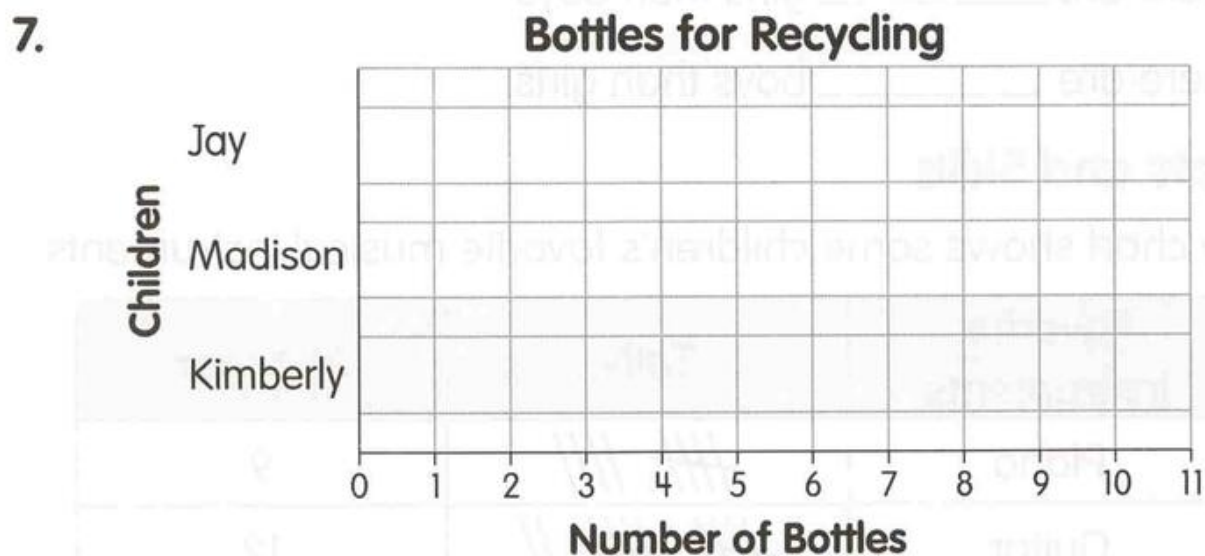
The tally chart shows the number of bottles each child brought.

Complete the tally chart.

6.

Children	Tally	Number
Jay	### ###	
Madison	///	
Kimberly	### //	

Make a bar graph.



Fill in the blanks.

8. How many bottles did Kimberly bring? _____

9. _____ brought the fewest bottles.

CHAPTER 12

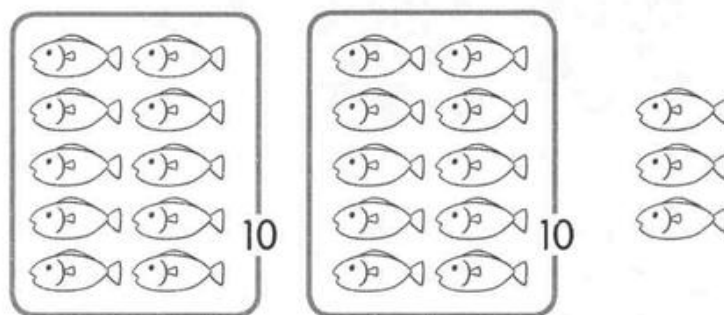
Numbers to 40

Practice 1 Counting to 40

First make tens, then count on.

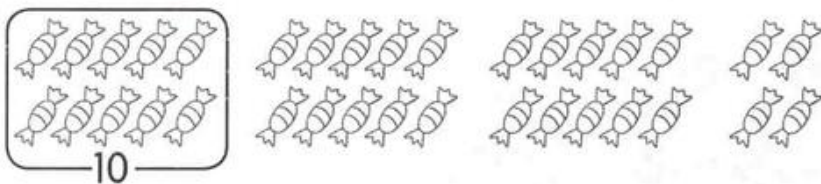
Fill in the missing numbers.

Example



10, ..., 20, 21, 22, 23

1.



..., 20, ..., 31, , ,

2.



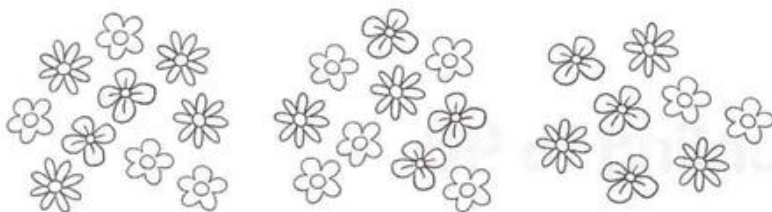
10, ..., , ..., , ,

33, , , 36

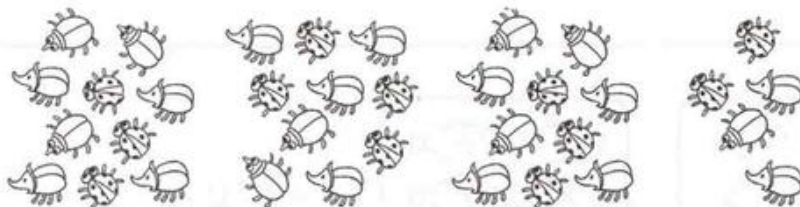
Circle groups of 10.

Then count and write the numbers.

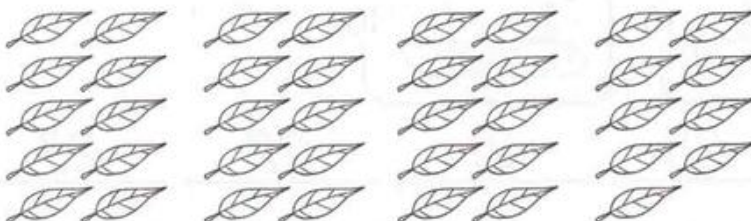
3.



4.



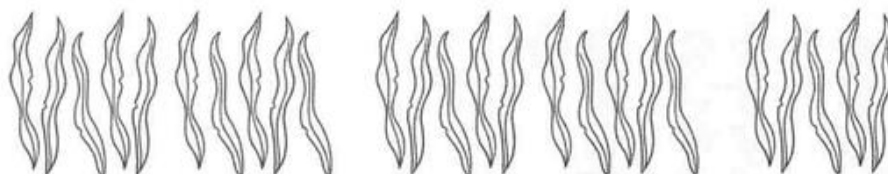
5.



6.

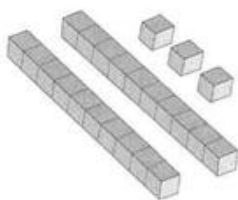


7.



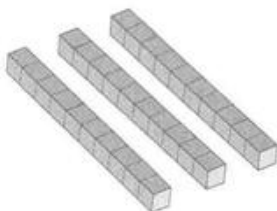
Count the s and write the numbers.

8.



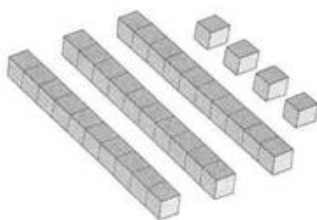
_____ 

9.



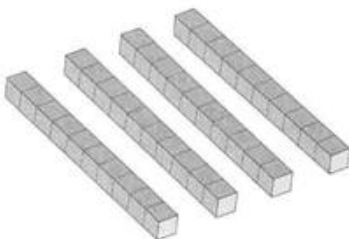
_____ 

10.



_____ 

11.



_____ 

Write the numbers.

12. twenty-five _____

13. thirty-nine _____

14. thirty-two _____

15. twenty-nine _____

Write the numbers in words.

16. 21 _____

17. 37 _____

18. 22 _____

19. 40 _____

20. 35 _____

21. 31 _____

Fill in the missing numbers.

22. $20 + 3 =$ _____

23. $8 + 30 =$ _____

24. _____ $+ 9 = 39$

25. 30 and 5 make _____.

26. 7 and 20 make _____.

27. _____ and 2 make 32.

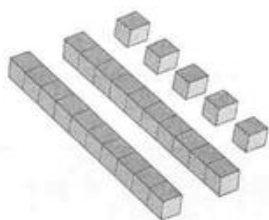
28. _____ and 8 make 28.

29. _____ and 6 make 36.

Practice 2 Place Value

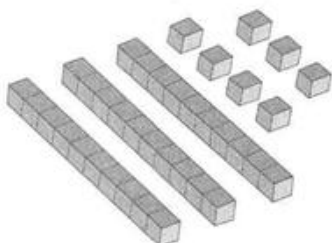
Fill in the missing numbers.

1.



$$25 = \underline{\quad\quad} \text{ tens } \underline{\quad\quad} \text{ ones}$$

2.



$$37 = \underline{\quad\quad} \text{ tens } \underline{\quad\quad} \text{ ones}$$

Look at each place-value chart.
Write the number it shows.

3.

Tens	Ones

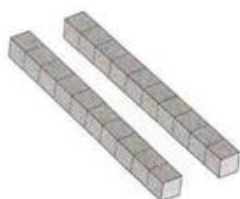
4.

Tens	Ones

Count in tens and ones.

Fill in the missing numbers in the place-value charts and blanks.

Example

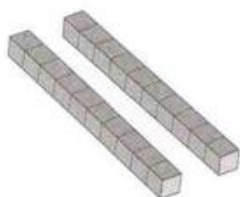


Tens	Ones
2	3

$$23 = \underline{2} \text{ tens } \underline{3} \text{ ones}$$

$$20 + 3 = \underline{23}$$

5.

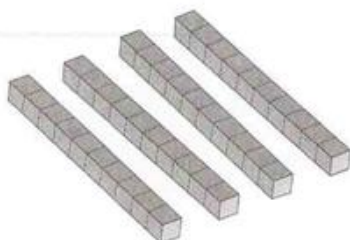


Tens	Ones

$$26 = \underline{\quad} \text{ tens } \underline{\quad} \text{ ones}$$

$$20 + 6 = \underline{\quad}$$

6.



Tens	Ones

$$40 = \underline{\quad} \text{ tens } \underline{\quad} \text{ ones}$$

$$40 + 0 = \underline{\quad}$$

Practice 3 Comparing, Ordering, and Patterns

Find the missing numbers.

23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Example

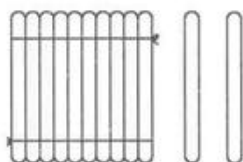
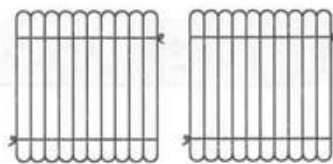
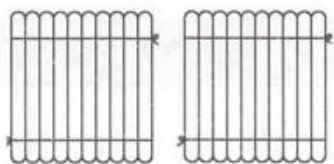
1 more than 23 is 24.

1 less than 35 is 34.

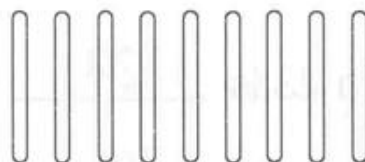
1. 1 more than 29 is _____.
2. 2 more than 19 is _____.
3. 2 more than 26 is _____.
4. 2 less than 31 is _____.
5. 3 more than 27 is _____.
6. 3 more than 36 is _____.
7. 3 less than 25 is _____.
8. 3 less than 40 is _____.
9. _____ is 2 more than 27.
10. _____ is 2 less than 26.
11. _____ is 3 more than 30.
12. _____ is 3 less than 30.
13. _____ is 2 more than 35.
14. _____ is 2 less than 35.

Count the 1s in each set.
Fill in the blanks.

15.



Set A



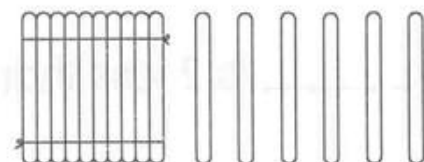
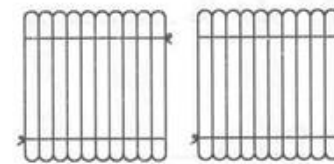
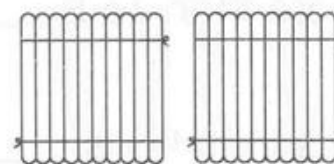
Set B

Which set has more? Set _____.

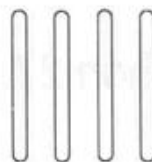
Which number is greater?

_____ is greater than _____.

16.



Set A



Set B

Which set has fewer? Set _____.

Which number is less?

_____ is less than _____.

Circle the greater number.

17. 32 or 23

18. 37 or 39

19. 19 or 21

20. 15 or 25

Circle the number that is less.

21. 32 or 28

22. 38 or 40

Compare the numbers.

Then fill in the blanks.



23. _____ is the least.

24. _____ is the greatest.

Order the numbers from least to greatest.

25.



_____, _____, _____
least

Compare the numbers.
Then fill in the blanks.

23

38

35

27

26. _____ is less than 27.
27. _____ is greater than 35.
28. 35 is greater than _____ and _____ but
less than _____.
29. The least number is _____.
30. The greatest number is _____.

Compare the numbers.
Then fill in the blanks.

40

24

39

26

31. _____ is 2 more than 24.
32. _____ is 1 less than 40.
33. _____ is less than 39 but greater than 24.
34. The least number is _____.
35. The greatest number is _____.

Name: _____

Date: _____

Complete each number pattern.

36. 18, 19, _____, 21, _____, 23, _____

37. 30, 31, 32, _____, _____, 35, _____

38. _____, _____, 30, 31, _____, 33, 34

39. 33, _____, 31, _____, _____, 28, 27

40. 30, 32, _____, _____, 38, _____

41. 27, _____, _____, _____, 19, 17, 15

42. _____, 23, 26, 29, _____, 35

43. 33, _____, _____, 24, 21, _____

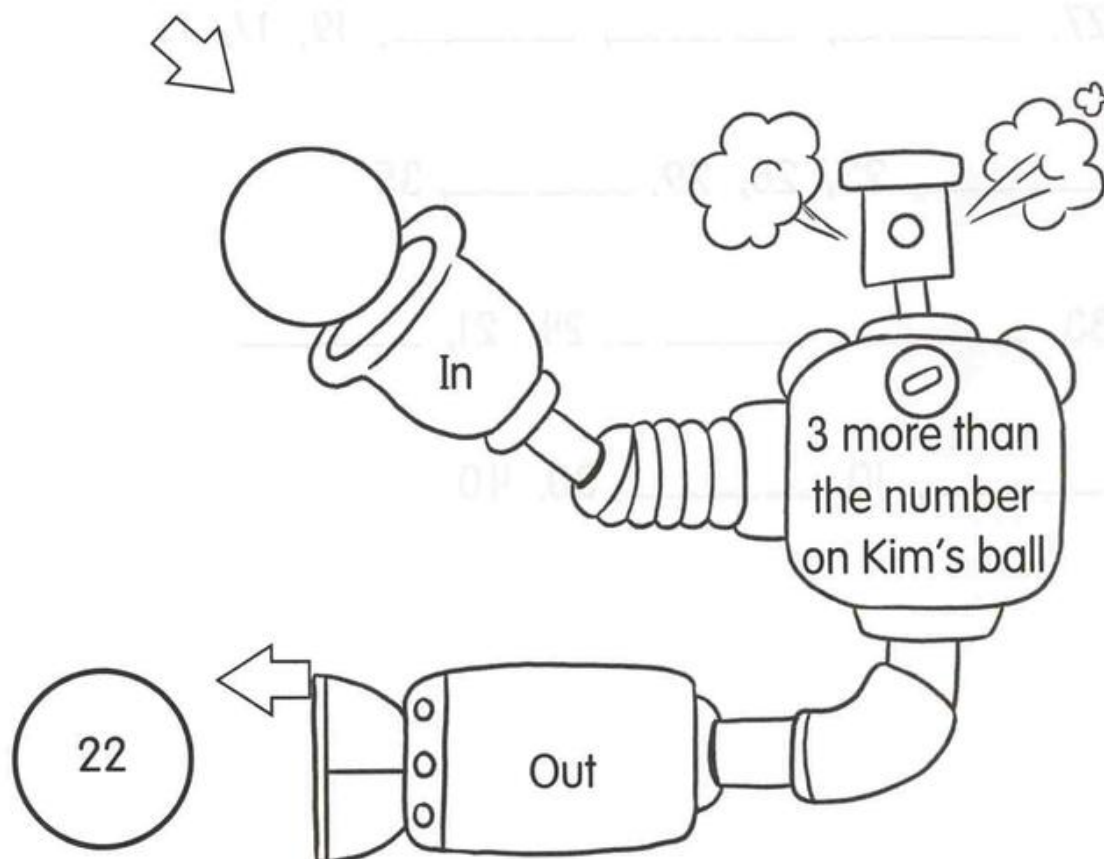
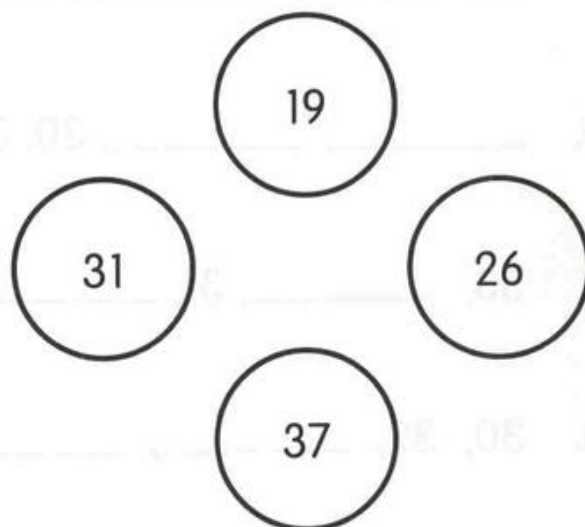
44. _____, 10, _____, 30, 40

Solve.

45. Kim's ball falls into a number machine.

Which ball is it?

Write the missing number in the ○.





Put on Your Thinking Cap!



Challenging Practice

Fill in the blanks.

Wayne has four cards.

Each card has a number on it.

2 1 3 0

1. Use two cards to form the least number.
Do not begin with 0.

2. Use two cards to form the greatest number.

3. Use two cards to form a number less than 30.
Do not begin with 0.

4. Use two cards to form a number greater than 25.

There is more than one correct answer for Exercises 3 and 4.





Put on Your Thinking Cap!



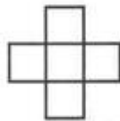
Problem Solving

Fill in the blanks.

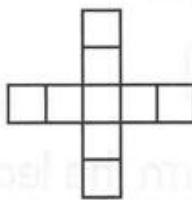
Jan uses tiles to make shapes that form a pattern.



Shape 1



Shape 2



Shape 3

?

Shape 4

1. Draw Shape 4.

2. Jan needs _____ more tiles to make Shape 4.

3. Complete the table.

Shape Number	1	2	3	4	5
Number of Tiles	1	5	9		

4. Complete the number pattern.

1, 5, 9, _____, _____, _____

Chapter Review/Test

Vocabulary

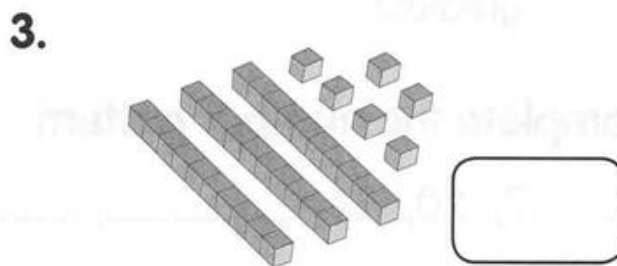
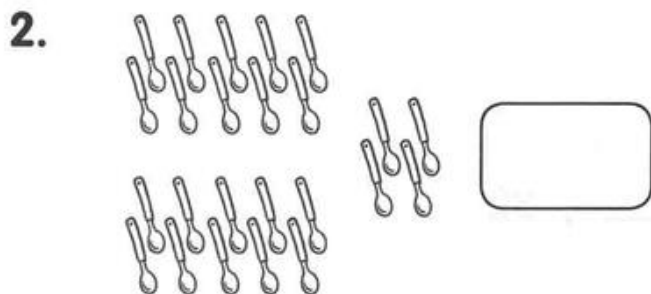
Match.

1. 27 •
36 •
24 •
38 •
40 •

- thirty-eight
• forty
• twenty-seven
• twenty-four
• thirty-six

Concepts and Skills

Count to find how many.



Write the numbers.

4. twenty-four _____ 5. thirty _____

Write the number that is greater.

6. (25) (17) _____ 7. (26) (29) _____

Write the number that is less.

8. $\textcircled{10}$ $\textcircled{29}$ _____

9. $\textcircled{38}$ $\textcircled{33}$ _____

Compare the numbers.

Then fill in the blanks.



10. Which number is greatest? _____

11. Which number is least? _____

Order the numbers from greatest to least.

12. _____, _____, _____, _____
greatest

Complete the number pattern.

13. 17, 20, 23, _____, _____, 32

Fill in the blanks.

14. 2 less than 25 is _____.

15. _____ is 3 more than 18.

16. $24 =$ _____ tens 4 ones

17. $18 =$ 1 ten _____ ones

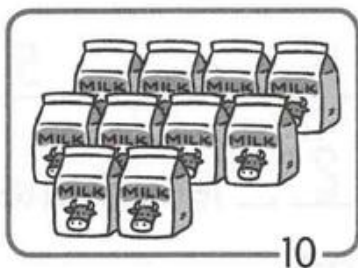
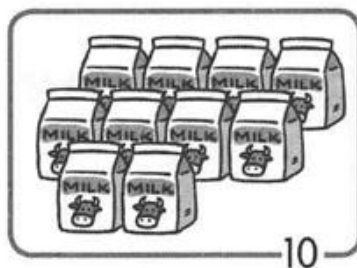
CHAPTER 13

Addition and Subtraction to 40

Practice 1 Addition Without Regrouping

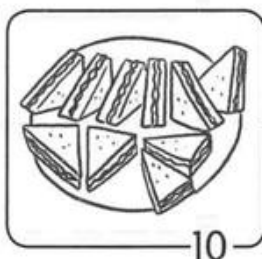
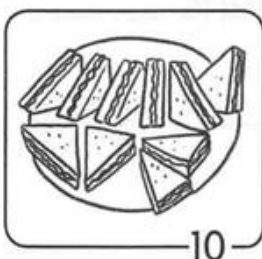
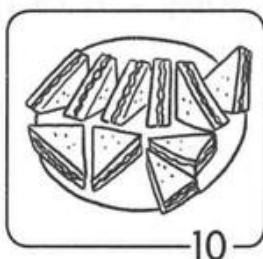
Add by counting on.

Example



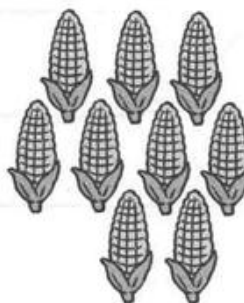
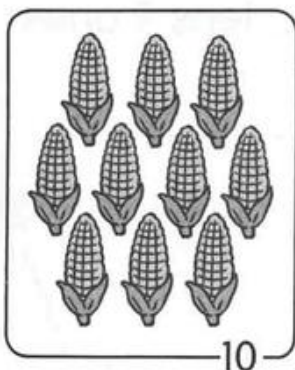
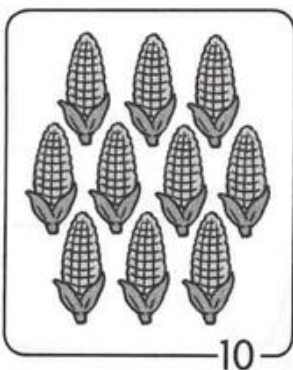
$$20 + 3 = \underline{23}$$

1.



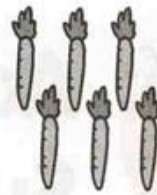
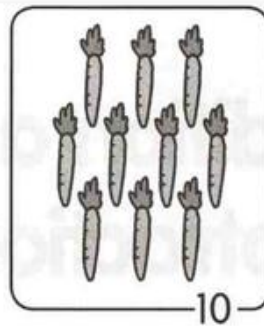
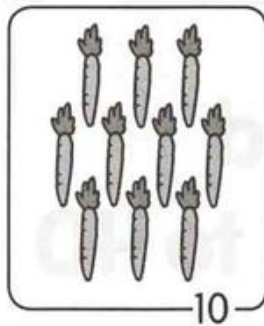
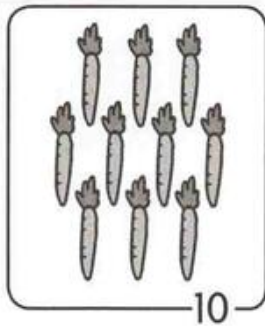
$$30 + 5 = \underline{\quad}$$

2.



$$20 + 9 = \underline{\quad}$$

3.



$$30 + 6 = \underline{\hspace{2cm}}$$

Fill in the missing numbers.

Example

$$\begin{array}{l}
 25 + 4 = \underline{2} \text{ tens } \underline{5} \text{ ones} + 4 \text{ ones} \\
 \begin{array}{cc} \diagup & \diagdown \\ \textcircled{20} & \textcircled{5} \end{array} \\
 = \underline{2} \text{ tens } 9 \text{ ones} \\
 = \underline{29}
 \end{array}$$

4.

$$\begin{array}{l}
 32 + 6 = \underline{\hspace{1cm}} \text{ tens } \underline{\hspace{1cm}} \text{ ones} + 6 \text{ ones} \\
 \begin{array}{cc} \diagup & \diagdown \\ \textcircled{\hspace{1cm}} & \textcircled{\hspace{1cm}} \end{array} \\
 = 3 \text{ tens } \underline{\hspace{1cm}} \text{ ones} \\
 = \underline{\hspace{2cm}}
 \end{array}$$

5.

$$\begin{array}{l}
 37 + 2 = \underline{\hspace{1cm}} \text{ tens } \underline{\hspace{1cm}} \text{ ones} + 2 \text{ ones} \\
 \begin{array}{cc} \diagup & \diagdown \\ \textcircled{\hspace{1cm}} & \textcircled{\hspace{1cm}} \end{array} \\
 = \underline{\hspace{1cm}} \text{ tens } 9 \text{ ones} \\
 = \underline{\hspace{2cm}}
 \end{array}$$

6.

$$\begin{array}{l}
 16 + 2 = \underline{\hspace{2cm}} \\
 \begin{array}{cc} \diagup & \diagdown \\ \textcircled{\hspace{1cm}} & \textcircled{\hspace{1cm}} \end{array}
 \end{array}$$

7.

$$\begin{array}{l}
 24 + 3 = \underline{\hspace{2cm}} \\
 \begin{array}{cc} \diagup & \diagdown \\ \textcircled{\hspace{1cm}} & \textcircled{\hspace{1cm}} \end{array}
 \end{array}$$

**Complete each place-value chart.
Then add.**

Example

Tens	Ones
2	5
+	2
2	7

25

2

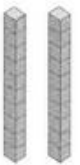
Tens	Ones
	
	

8.

Tens	Ones
2	7
+	2

27

2

Tens	Ones
	
	

9.

Tens	Ones
2	5
+	10

25

10

Tens	Ones
	

Complete the place-value chart.

Then add.

10.

	Tens	Ones
	1	4
+	2	3

	Tens	Ones
14		
23		

Add.

11.

	2	5
+		4

12.

	2
+	2 6

13.

	2	0
+	2	0

14.

	4	0
+	2	4

15. $25 + 12 = \underline{\hspace{2cm}}$

+		

16. $14 + 24 = \underline{\hspace{2cm}}$

+		

Practice 2 Addition with Regrouping

Fill in the missing numbers.

Example

$$\begin{aligned} 23 + 9 &= \underline{2} \text{ tens } \underline{3} \text{ ones} + \underline{9} \text{ ones} \\ &= \underline{2} \text{ tens } \underline{12} \text{ ones} \\ &= \underline{32} \end{aligned}$$

1. $37 + 3 = \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones} + \underline{\quad\quad\quad} \text{ ones}$

$$= \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones}$$

$$= \underline{\quad\quad\quad}$$

2. $25 + 8 = \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones} + \underline{\quad\quad\quad} \text{ ones}$

$$= \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones}$$

$$= \underline{\quad\quad\quad}$$

3. $26 + 6 = \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones} + \underline{\quad\quad\quad} \text{ ones}$

$$= \underline{\quad\quad\quad} \text{ tens } \underline{\quad\quad\quad} \text{ ones}$$

$$= \underline{\quad\quad\quad}$$

Fill in the missing numbers.

4. $5 + 29 =$ _____ ones + _____ tens _____ ones
 $=$ _____ tens _____ ones

$=$ _____

5. $19 + 21 =$ _____ ten _____ ones + _____ tens _____ one
 $=$ _____ tens _____ ones

$=$ _____

Add.

6.
$$\begin{array}{r} 18 \\ + 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 24 \\ + 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 5 \\ + 26 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 16 \\ + 7 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 16 \\ + 14 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 25 \\ + 15 \\ \hline \end{array}$$

Name: _____

Date: _____

Fill in the missing numbers.

12. $18 + 7 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

13. $21 + 9 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

14. $6 + 15 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

15. $8 + 32 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

16. $17 + 16 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

17. $13 + 19 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

Add.

Then solve the riddle.

18. $14 + 7 = \underline{21}$

A

19. $26 + 8 = \underline{\hspace{2cm}}$

I

20. $29 + 6 = \underline{\hspace{2cm}}$

E

21. $23 + 9 = \underline{\hspace{2cm}}$

N

22. $33 + 7 = \underline{\hspace{2cm}}$

R

23. $18 + 22 = \underline{\hspace{2cm}}$

R

24. $6 + 24 = \underline{\hspace{2cm}}$

D

25. $17 + 18 = \underline{\hspace{2cm}}$

E



What animal falls from the clouds on a rainy day?

Match the letters to the answers below to find out.

	A			-				
40	21	34	32		30	35	35	40

Practice 3 Subtraction Without Regrouping

Subtract by counting back.

Example

$$24 - 2 = \underline{22}$$

24, 23, 22



1. $27 - 6 = \underline{\hspace{2cm}}$

2. $35 - 4 = \underline{\hspace{2cm}}$

3. $38 - 8 = \underline{\hspace{2cm}}$

4. $24 - 3 = \underline{\hspace{2cm}}$

5. $39 - 4 = \underline{\hspace{2cm}}$

6. $39 - 9 = \underline{\hspace{2cm}}$

Fill in the missing numbers.

Example

$$37 - 4 = \underline{3} \text{ tens } 7 \text{ ones} - \underline{4} \text{ ones}$$

$$= \underline{3} \text{ tens } 3 \text{ ones}$$

$$= \underline{33}$$

7. $38 - 3 = \underline{\hspace{2cm}} \text{ tens } \underline{\hspace{2cm}} \text{ ones} - 3 \text{ ones}$

$$= 3 \text{ tens } \underline{\hspace{2cm}} \text{ ones}$$

$$= \underline{\hspace{2cm}}$$

Fill in the missing numbers.

8. $26 - 4 =$ _____ tens 6 ones $-$ _____ ones

$=$ _____ tens 2 ones

$=$ _____

Subtract.

9.

Tens	Ones
1	6
$-$	2

10.

Tens	Ones
2	8
$-$	4

11.

Tens	Ones
3	5
$-$	2

12.

Tens	Ones
3	6
$-$	6

13.

Tens	Ones
4	0
$-$	2

14.

Tens	Ones
2	3
$-$	1

15.

Tens	Ones
3	6
$-$	1

16.

Tens	Ones
3	4
$-$	1

Fill in the missing numbers.

17. $29 - 26 = \underline{\hspace{2cm}}$

	Tens	Ones
-		

18. $38 - 10 = \underline{\hspace{2cm}}$

	Tens	Ones
-		

19. $31 - 20 = \underline{\hspace{2cm}}$

	Tens	Ones
-		

20. $27 - 17 = \underline{\hspace{2cm}}$

	Tens	Ones
-		

21. $36 - 5 = \underline{\hspace{2cm}}$

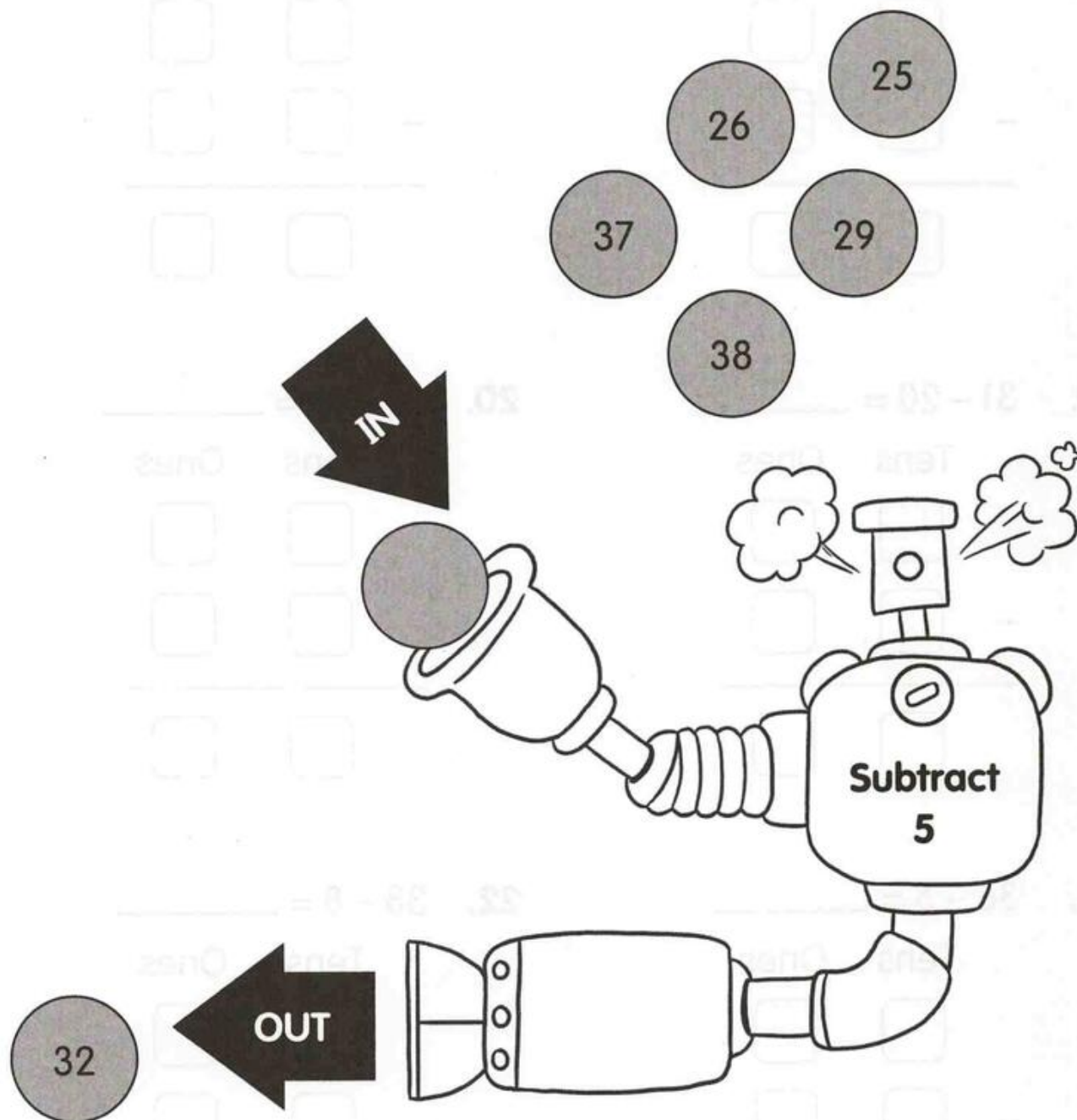
	Tens	Ones
-		

22. $38 - 8 = \underline{\hspace{2cm}}$

	Tens	Ones
-		

23. Joel puts a ball into a number machine.
Which ball is it?

Write the correct number in the .



Practice 4 Subtraction with Regrouping

Regroup.

1. $27 = 1 \text{ ten } \underline{\hspace{2cm}} \text{ ones}$
2. $15 = 0 \text{ tens } \underline{\hspace{2cm}} \text{ ones}$
3. $30 = 2 \text{ tens } \underline{\hspace{2cm}} \text{ ones}$

Subtract.

4.
$$\begin{array}{r} 23 \\ - \quad 6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 24 \\ - \quad 8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 33 \\ - \quad 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 36 \\ - \quad 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 25 \\ - 16 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 20 \\ - 18 \\ \hline \end{array}$$

Fill in the missing numbers.

10. $21 - 5 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

11. $36 - 7 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

12. $25 - 18 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

13. $31 - 18 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

14. $32 - 14 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

15. $30 - 17 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

Subtract.**Then solve the riddle.**

16. $38 - 9 = \underline{29}$

W

17. $30 - 18 = \underline{\quad}$

E

18. $32 - 5 = \underline{\quad}$

S

19. $35 - 8 = \underline{\quad}$

S

20. $27 - 7 = \underline{\quad}$

A

21. $34 - 19 = \underline{\quad}$

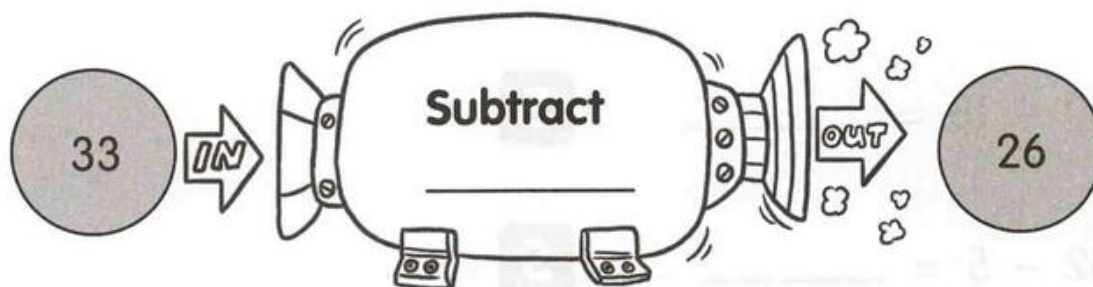
A**How do you cut the sea?****Match the letters to the answers below to find out.**

WITH A $\frac{\square}{27}$ $\frac{\square}{12}$ $\frac{\square}{20}$ - $\frac{\square}{27}$ $\frac{\square}{15}$ $\frac{\text{W}}{29}$

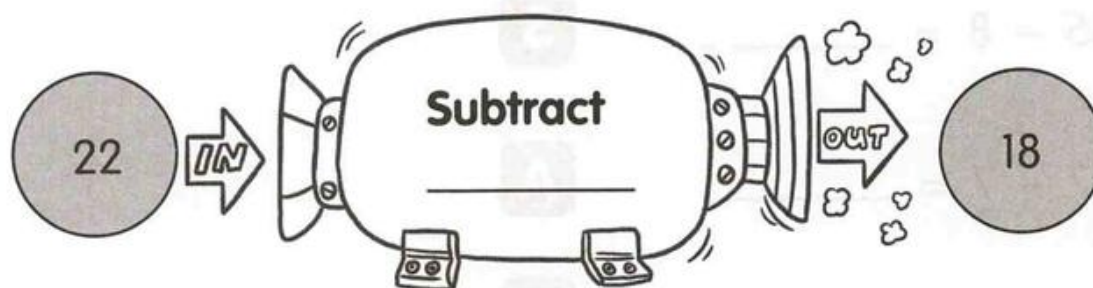
Natasha drops a ball into each number machine.

Write the missing numbers in the blanks to show what happens to each ball.

22.



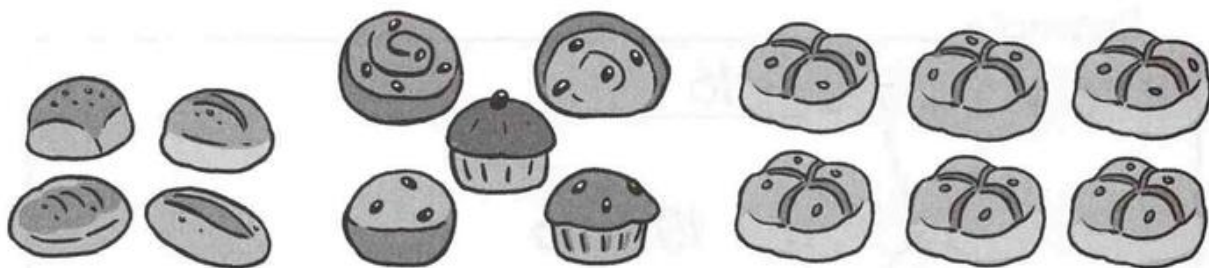
23.



Practice 5 Adding Three Numbers

Add.

1.



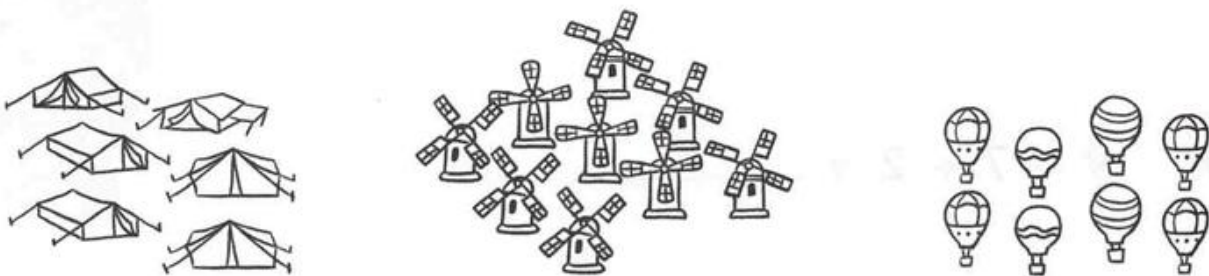
$$4 + 5 + 6 = \underline{\hspace{2cm}}$$

2.



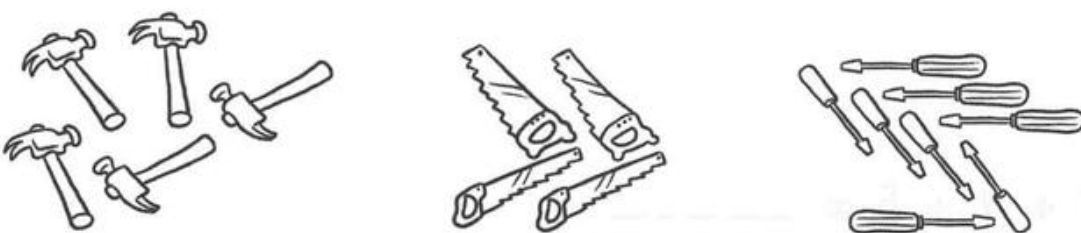
$$8 + 7 + 7 = \underline{\hspace{2cm}}$$

3.



$$6 + 9 + 8 = \underline{\hspace{2cm}}$$

4.



$$5 + 4 + 8 = \underline{\hspace{2cm}}$$

**Make ten.
Then add.**

Example

$$6 + 3 + 7 = \underline{16}$$



$$6 + 10 = 16$$

5. $5 + 8 + 5 = \underline{\hspace{2cm}}$

6. $8 + 9 + 2 = \underline{\hspace{2cm}}$

7. $9 + 7 + 2 = \underline{\hspace{2cm}}$

8. $9 + 4 + 4 = \underline{\hspace{2cm}}$

9. $2 + 9 + 5 = \underline{\hspace{2cm}}$

Make 10 first.



Practice 6 Real-World Problems: Addition and Subtraction

Solve.

1. Lynn has 12 trophies.
Geeta has 5 more trophies than Lynn.
How many trophies does Geeta have?

Geeta has _____ trophies.

2. Rima buys 15 stickers.
Susie buys 7 fewer stickers than Rima.
How many stickers does Susie buy?

Susie buys _____ stickers.

Solve.

3. Tara has 14 toy cars.
She has 9 more toy cars than Carlos.
How many toy cars does Carlos have?

Carlos has _____ toy cars.

4. Aaron makes 6 friendship bracelets.
He makes 5 fewer friendship bracelets than Kate.
How many friendship bracelets does Kate make?

Kate makes _____ friendship bracelets.

Solve.

5. Michelle has 18 snowballs.
Miguel has 14 snowballs.
How many more snowballs does Michelle have?

Michelle has _____ more snowballs.

6. Rose buys 17 hairclips.
Sarah buys 13 more hairclips than Rose.
How many hairclips does Sarah buy?

Sarah buys _____ hairclips.

7. Tess has 22 walnuts.
She has 13 more walnuts than Chris.
How many walnuts does Chris have?

Chris has _____ walnuts.

8. Ashley makes 36 muffins.
Janice makes 17 muffins.
How many more muffins does Ashley make?

Ashley makes _____ more muffins.



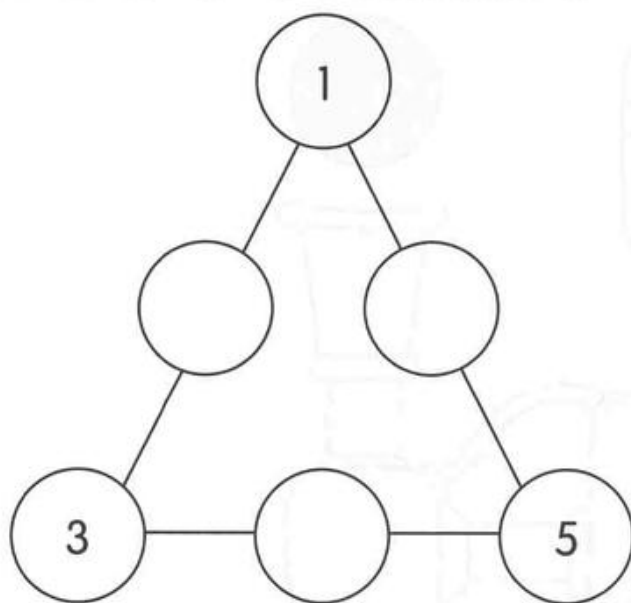
Put on Your Thinking Cap!



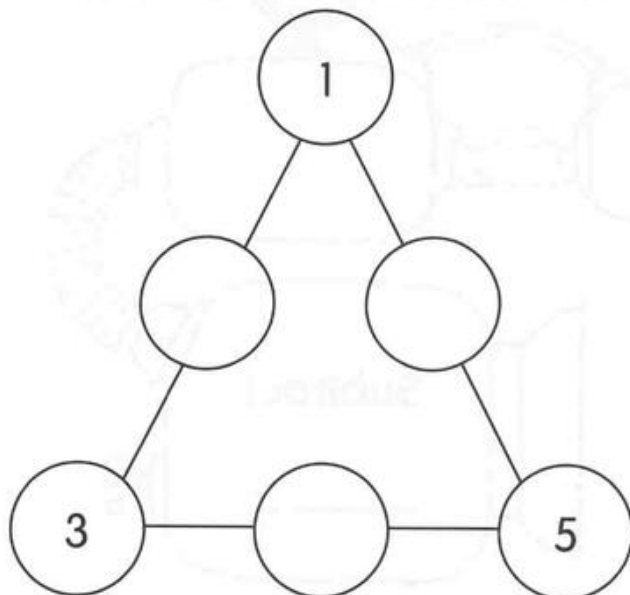
Challenging Practice

Fill in the circles with numbers.

1. Each $\bigcirc - \bigcirc - \bigcirc$ must make 8.

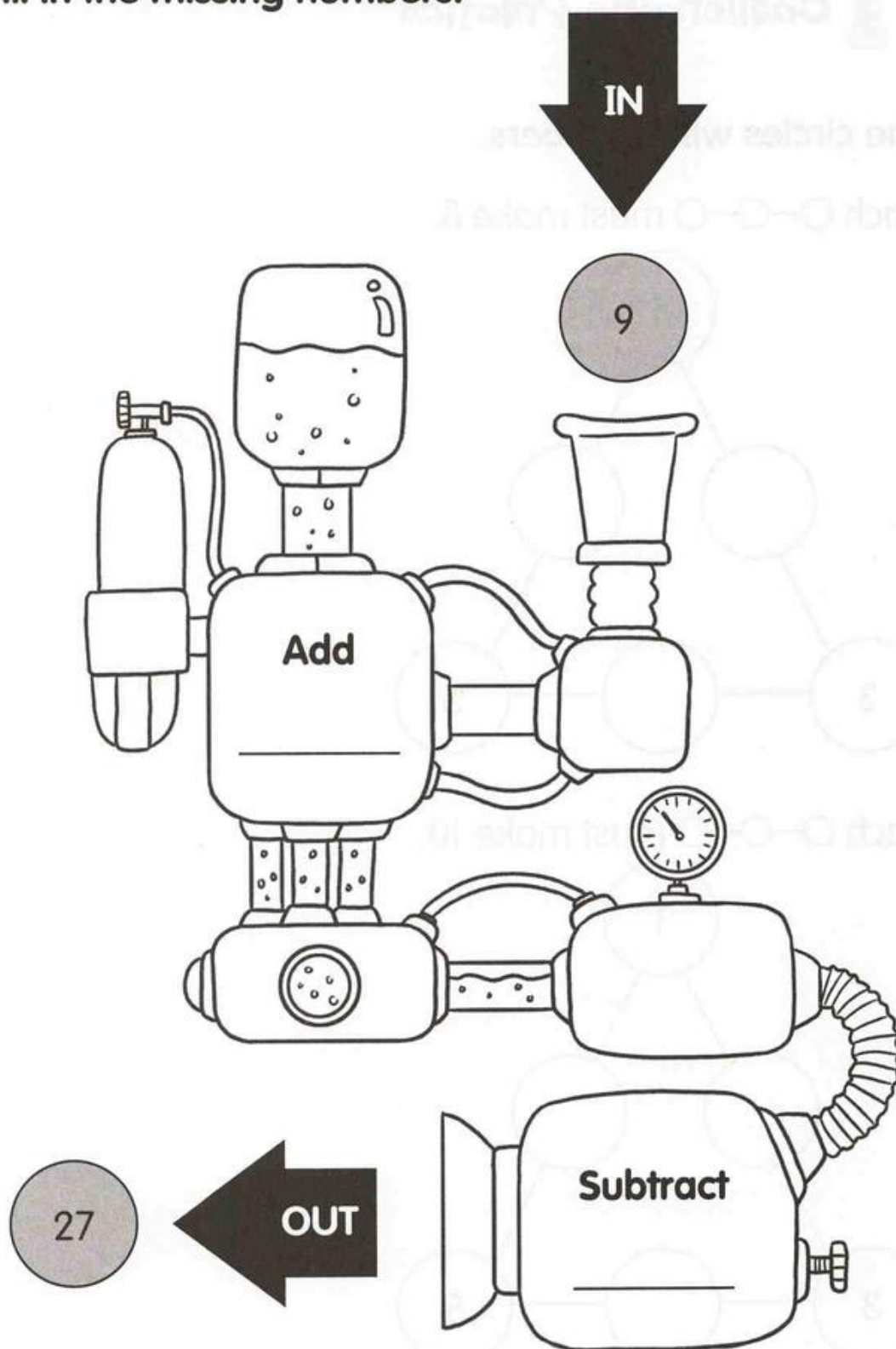


2. Each $\bigcirc - \bigcirc - \bigcirc$ must make 10.



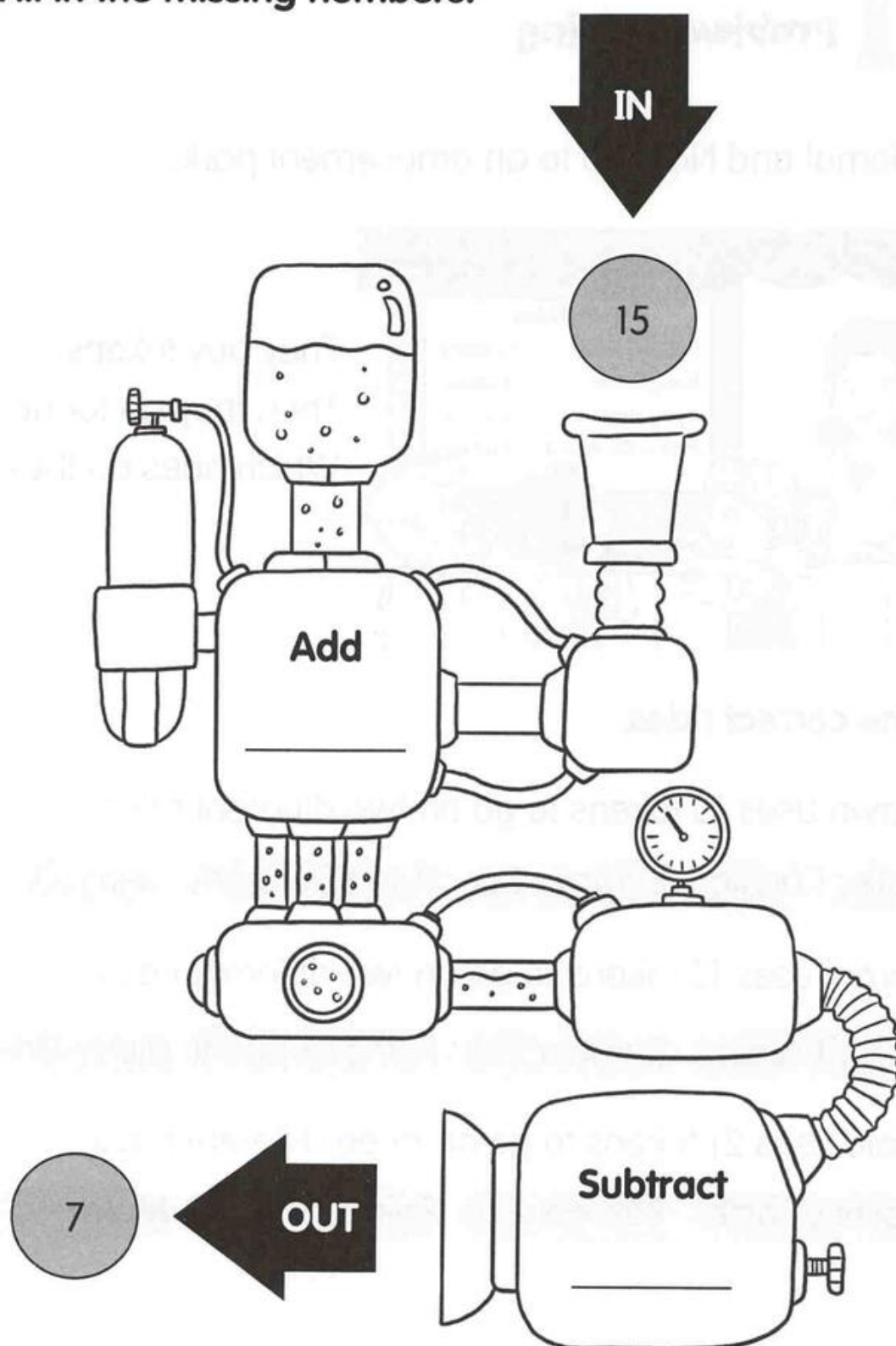
3. Luis places a ball into the number machine below. What happens to the number on the ball?

Fill in the missing numbers.



4. Luis places another ball into the number machine below. What happens to the number on the ball?

Fill in the missing numbers.





Put on Your Thinking Cap!



Problem Solving

Dawn, Jamal and Nate go to an amusement park.



Fun Rides	
Roller Coaster	10 tokens
Bumper Car	7 tokens
Flying Elephant	6 tokens
Merry-Go-Round	5 tokens

They buy tokens.
Then they go for rides.
Which rides do they take?

Circle the correct rides.

1. Dawn uses 15 tokens to go on two different rides.

Roller Coaster Bumper Car Flying Elephant Merry-Go-Round

2. Jamal uses 12 tokens to go on two different rides.

Roller Coaster Bumper Car Flying Elephant Merry-Go-Round

3. Nate uses 21 tokens to go on three different rides.

Roller Coaster Bumper Car Flying Elephant Merry-Go-Round

Chapter Review/Test

Vocabulary

Choose the correct word.

1. You _____ from the greater number when you subtract.

2. You can _____ 13 ones into 1 ten 3 ones.

3. You can add two numbers using the _____ method.

4. A _____ can be used to add numbers.

regroup

counting on

count back

place-value chart

Concepts and Skills

Add or subtract.

5. $32 + 7 =$ _____

6. $18 + 19 =$ _____

7. $27 - 3 =$ _____

8. $36 - 18 =$ _____

9. $4 + 8 + 6 =$ _____

10. $9 + 8 + 5 =$ _____

Problem Solving

Solve.

11. Nicole blows up 30 balloons for a class party.
Michael blows up 4 fewer balloons than Nicole.
How many balloons does Michael blow up?

Michael blows up _____ balloons.

12. Ryan has 23 bookmarks.
He has 5 fewer bookmarks than Ivy.
How many bookmarks does Ivy have?

Ivy has _____ bookmarks.

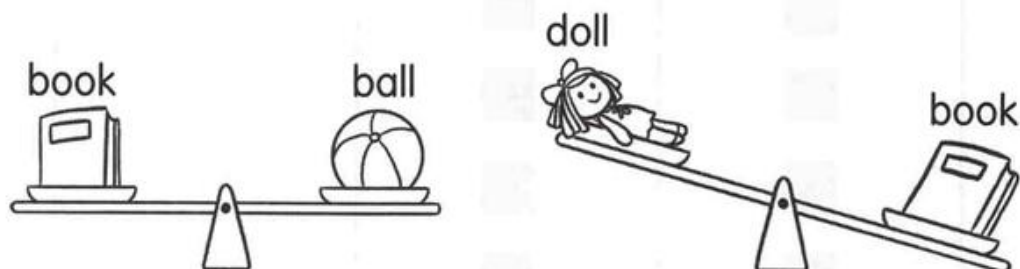
Cumulative Review

for Chapters 10 to 13

Concepts and Skills

Fill in the blanks.

Write *heavier than*, *lighter than*, or *as heavy as*.



1. The book is _____ the ball.
2. The doll is _____ the book.
3. The ball is _____ the doll.

Fill in the blanks.



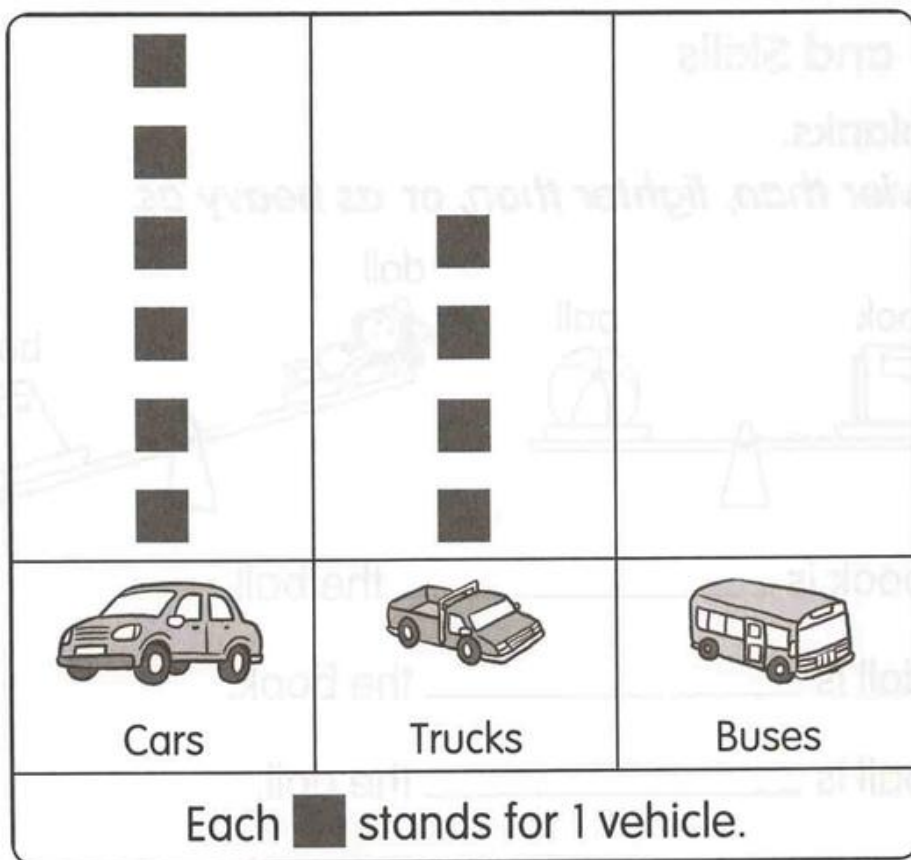
The _____ is lighter than the carrot.

The _____ is heavier than the carrot.

So, the tomato is lighter than the pineapple.

The picture graph shows the number of cars and trucks in a parking lot.

Vehicles in a Parking Lot



© Marshall Cavendish International (Singapore) Private Limited.

Fill in the blanks.

- There are _____ more cars than trucks.
- There are _____ cars and trucks in all.
- There are 2 fewer buses than cars.
Draw  to show the number of buses.
- Some cars leave the parking lot.
The number of cars and trucks are now the same.
_____ cars leave the parking lot.

Complete the tally chart using the data from the picture graph.

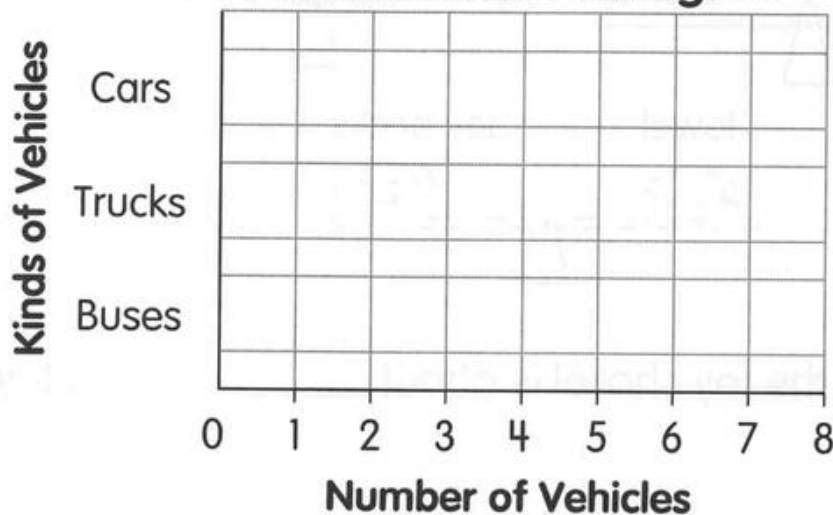
9.

Kinds of Vehicles	Tally	Number
 Cars		
 Trucks		
 Buses		

Make a bar graph using the data from the tally chart.

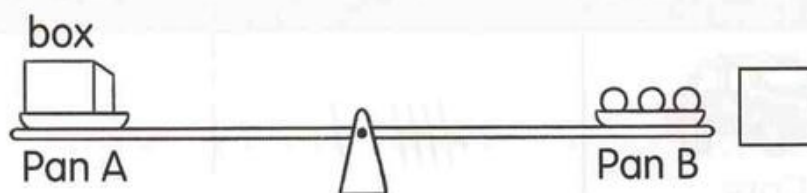
10.

Vehicles in a Parking Lot



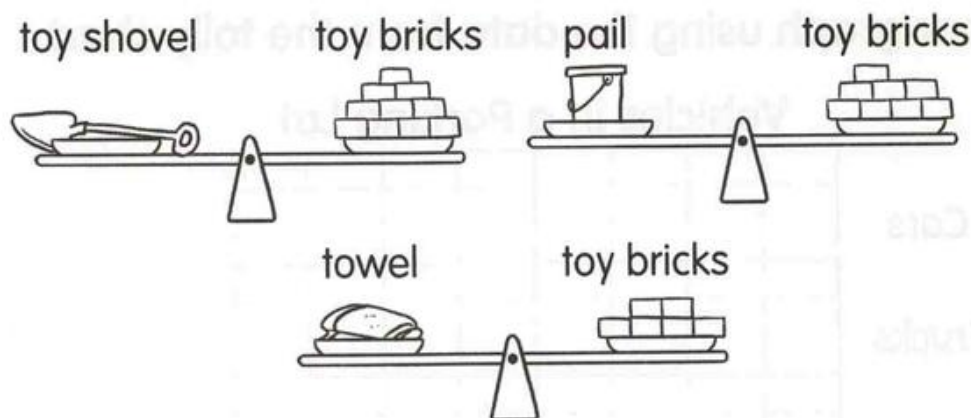
Fill in the blanks.

1 ○ stands for 1 unit.



11. The weight of the box is _____ units.
12. Add 1 marble to Pan A.
Draw ↓ or ↑ in the ☐ to show if Pan B goes up or down.

Fill in the blanks.



13. The weight of the toy shovel is about _____ toy bricks.
14. Order the objects from heaviest to lightest.

heaviest _____ _____

First make tens.

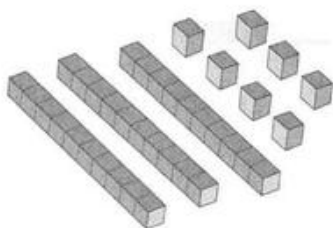
Then count on.

Fill in the missing numbers.

15.



16.



Write the number.

17. twenty-five _____

18. thirty _____

Write the number in words.

19. 37 _____

20. 40 _____

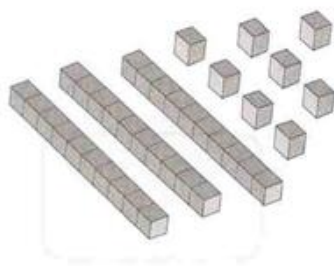
Fill in the missing numbers.

21. $7 + 20 =$ _____

22. _____ $+ 10 = 36$

Find the missing numbers.

23.



38 = _____ tens _____ ones

Look at the place-value chart.
Write the number it shows.

24.

Tens	Ones

25.

Tens	Ones

Circle the greater number.

26. 25 or 17

27. 26 or 29

Circle the number that is less.

28. 10 or 29

29. 38 or 33

Compare the numbers.

Then fill in the blanks.

16

9

21

35

30. _____ is the least.

31. _____ is the greatest.

32. _____ is less than 35 but greater than 16.

33. Order the numbers from the least to greatest.

_____, _____, _____, _____
least

Complete each number pattern.

34. 17, 20, 23, _____, _____, 32

35. 28, _____, 36, 40

Fill in the blanks.

36. 2 less than 25 is _____.

37. _____ is 3 more than 18.

38. $24 =$ _____ tens 4 ones

39. $18 = 1$ ten _____ ones

Add or subtract.

40. $21 + 7 =$ _____

41. $24 + 10 =$ _____

42. $27 - 3 =$ _____

43. $38 - 15 =$ _____

44. $6 + 3 + 7 =$ _____

45. $9 + 8 + 5 =$ _____

Name: _____

Date: _____

$$\begin{array}{r} 46. \quad \begin{array}{r} 2 \ 3 \\ + \ 1 \ 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 47. \quad \begin{array}{r} 2 \ 9 \\ + \ 1 \ 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 48. \quad \begin{array}{r} 1 \ 4 \\ + \ 1 \ 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 49. \quad \begin{array}{r} 1 \ 8 \\ + \ 1 \ 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 50. \quad \begin{array}{r} 3 \ 6 \\ - \ 2 \ 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 51. \quad \begin{array}{r} 3 \ 6 \\ - \ 1 \ 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 52. \quad \begin{array}{r} 2 \ 1 \\ - \ 1 \ 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 53. \quad \begin{array}{r} 3 \ 2 \\ - \ 1 \ 5 \\ \hline \end{array} \end{array}$$

Problem Solving

Solve.

- 54.** Jamal has 20 stamps.
Michelle has 4 fewer stamps than Jamal.
How many stamps does Michelle have?

Michelle has _____ stamps.

- 55.** Nate blows up 30 balloons for his birthday party.
Nate blows up 6 fewer balloons than Miguel.
How many balloons does Miguel blow up?

Miguel blows up _____ balloons.

CHAPTER
14**Mental Math Strategies****Practice 1 Mental Addition**

Add mentally.

First add the ones.

Then add the ones to the tens.

Example

$$\begin{array}{c} 14 + 3 = \underline{17} \\ \swarrow \quad \searrow \\ \textcircled{10} \quad \textcircled{4} \end{array}$$

1. $15 + 2 = \underline{\hspace{2cm}}$

2. $12 + 4 = \underline{\hspace{2cm}}$

3. $35 + 1 = \underline{\hspace{2cm}}$

4. $23 + 5 = \underline{\hspace{2cm}}$

5. $22 + 7 = \underline{\hspace{2cm}}$

6. $31 + 8 = \underline{\hspace{2cm}}$

7. $6 + 32 = \underline{\hspace{2cm}}$

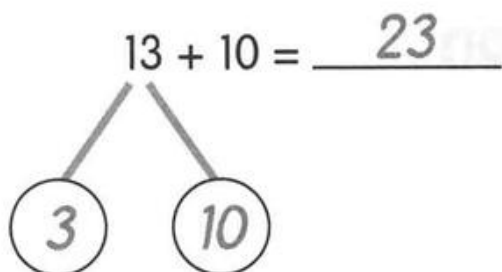
8. $5 + 34 = \underline{\hspace{2cm}}$

Add mentally.

First add the tens.

Then add the tens to the ones.

Example



9. $18 + 10 = \underline{\hspace{2cm}}$

10. $11 + 20 = \underline{\hspace{2cm}}$

11. $12 + 10 = \underline{\hspace{2cm}}$

12. $14 + 20 = \underline{\hspace{2cm}}$

13. $16 + 10 = \underline{\hspace{2cm}}$

14. $20 + 19 = \underline{\hspace{2cm}}$

15. $10 + 17 = \underline{\hspace{2cm}}$

16. $20 + 13 = \underline{\hspace{2cm}}$

17. $10 + 14 = \underline{\hspace{2cm}}$

18. $20 + 16 = \underline{\hspace{2cm}}$

Add mentally.**Use doubles facts.****Example**

$6 + 7 = \underline{13}$

6 + 7 is double
6 plus 1.



19. $4 + 5 = \underline{\hspace{2cm}}$

20. $7 + 8 = \underline{\hspace{2cm}}$

21. $5 + 6 = \underline{\hspace{2cm}}$

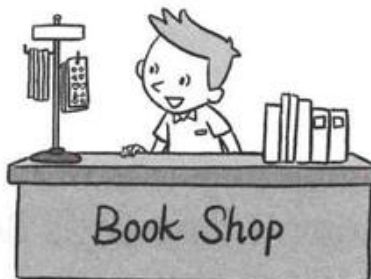
22. $8 + 9 = \underline{\hspace{2cm}}$

Solve mentally.**Fill in the blanks.**

23.

I have 24 stickers.
I want 5 more.

Emily



How many stickers will Emily have?

Solve mentally.
Fill in the blanks.

24.



There are 18 marbles
in the box.
I put 20 more marbles
into it.

How many marbles are there in the box now? _____

25.

I bake 11 pecan muffins
and 6 oat muffins.



Baker Ross

How many muffins does Baker Ross bake in all? _____

Practice 2 Mental Subtraction

Subtract mentally.

Think of addition.

1. $8 - 5 = \underline{\hspace{2cm}}$

2. $9 - 6 = \underline{\hspace{2cm}}$

3. $11 - 3 = \underline{\hspace{2cm}}$

4. $13 - 7 = \underline{\hspace{2cm}}$

5. $15 - 6 = \underline{\hspace{2cm}}$

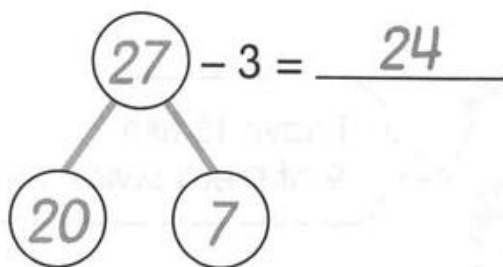
6. $12 - 8 = \underline{\hspace{2cm}}$

Subtract mentally.

First subtract the ones.

Then add the ones to the tens.

Example



7. $28 - 4 = \underline{\hspace{2cm}}$

8. $29 - 5 = \underline{\hspace{2cm}}$

9. $27 - 6 = \underline{\hspace{2cm}}$

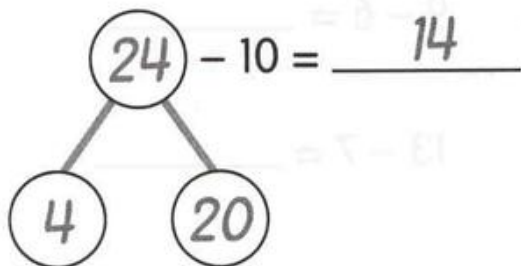
10. $37 - 2 = \underline{\hspace{2cm}}$

11. $38 - 8 = \underline{\hspace{2cm}}$

12. $36 - 6 = \underline{\hspace{2cm}}$

Subtract mentally.
First subtract the tens.
Then add the tens to the ones.

Example



13. $22 - 10 = \underline{\hspace{2cm}}$

14. $23 - 20 = \underline{\hspace{2cm}}$

15. $35 - 30 = \underline{\hspace{2cm}}$

16. $36 - 20 = \underline{\hspace{2cm}}$

Solve mentally.
Fill in the blanks.

17.



How many fish are left?

18.



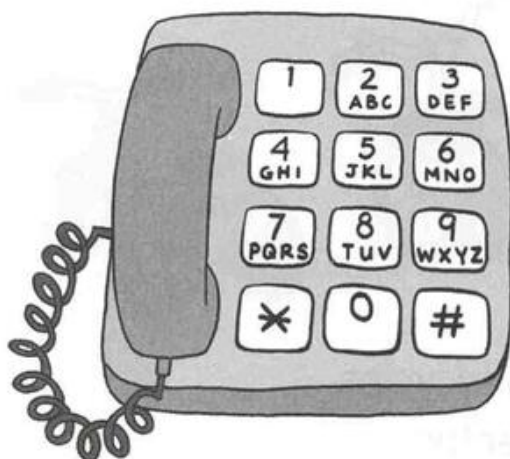
How many more apples than pears are there?



Put On Your Thinking Cap!



Challenging Practice



You can use a telephone dial to find the value of a word.

Example

$$\text{YES} = 9 + 3 + 7 = 19$$

1. Name a three-letter word with a value of 14. _____
2. Find a word that has the same value as BOAT. _____
3. Think of a four-letter word.
Find its value.
Ask your friend to guess the word.

My word has
a value of 20.
Guess the word.

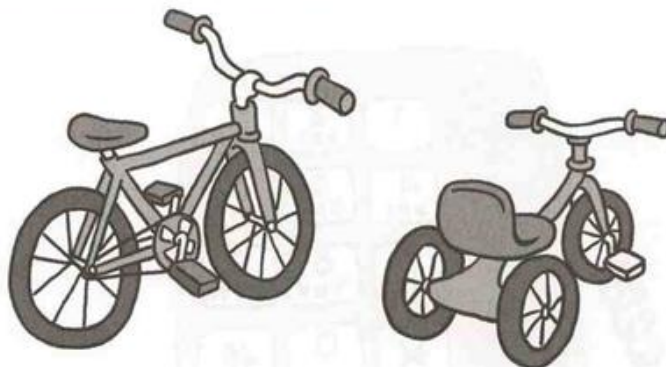




Put On Your Thinking Cap!



Problem Solving



There are 6 bicycles and tricycles
at Sunshine Day Care Center.
There are 16 wheels in all.
How many bicycles are there?

Draw a picture
to help you.



Chapter Review/Test

Vocabulary

Choose the correct word.

1. To help you subtract _____, think of addition.

doubles fact

mentally

2. $4 + 4 = 8$ is a _____.

Concepts and Skills

Add mentally.

3. $25 + 4 =$ _____

4. $33 + 4 =$ _____

5. $10 + 28 =$ _____

6. $15 + 20 =$ _____

7. $6 + 7 =$ _____

8. $4 + 7 =$ _____

Subtract mentally.

Think of addition.

9. $8 - 6 =$ _____

10. $9 - 7 =$ _____

11. $16 - 7 =$ _____

12. $18 - 9 =$ _____

13. $15 - 8 =$ _____

14. $14 - 7 =$ _____

Subtract mentally.

15. $15 - 4 =$ _____

16. $38 - 6 =$ _____

17. $21 - 10 =$ _____

18. $37 - 20 =$ _____

Problem Solving

Fill in the blanks.

19.



There were 27 stamps.
I lost 4 of them.

How many stamps are left?

20. 13 children are on a school bus.
6 more children get on the bus.
How many children are on the bus?

CHAPTER
15**Calendar and Time****Practice 1 Using a Calendar**

Fill in the blanks.

1. How many days are in one week?

Write the days of the week.

2. The first day is _____.

3. The third day is _____.

4. The fifth day is _____.

5. The last day is _____.

6. Which is your favorite day of the week?



Every week begins
on a Sunday.

Color or circle.

Example

Color the third month of the year gray.

January	February	March
April	May	June
July	August	September
October	November	December

7. Color the month that it is now red.
8. Color the month of your birthday yellow.
9. Color the ninth month of the year green.
10. Circle the month that has 28 days using blue.
11. Circle the months that have only 30 days using purple.

January	February	March
April	May	June
July	August	September
October	November	December

2010

OCTOBER						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

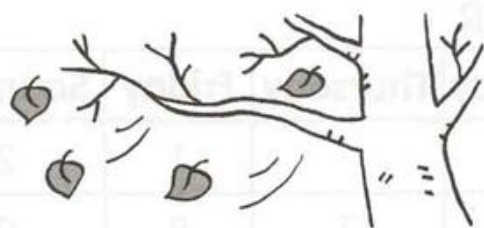
Fill in the blanks.

Use the calendar to help you.

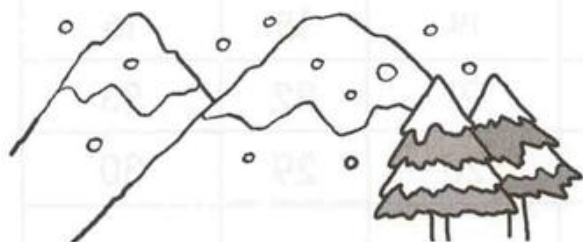
12. The name of the month is _____.
13. _____ is the day just before Wednesday.
14. There are _____ days in this month.
15. _____ is the day between Wednesday and Friday.
16. The date of the second Monday is _____.
17. The day of the week just after October 22, 2010 is
_____.

Match the picture to the season.

18.



summer



spring



winter



fall

Fill in the blanks.

Think about the seasons.

In what seasons are these holidays?

19. New Year's Day _____

20. Thanksgiving _____

21. Independence Day _____

Practice 2 Telling Time to the Hour

Match the clock to the time.

1.



12 o'clock



8 o'clock



9 o'clock



3 o'clock



4 o'clock

Fill in the blanks.

This is what Roberta does on Monday.

Example



She brushes her teeth at 7 o'clock.

2.



Her math class starts at _____.

3.



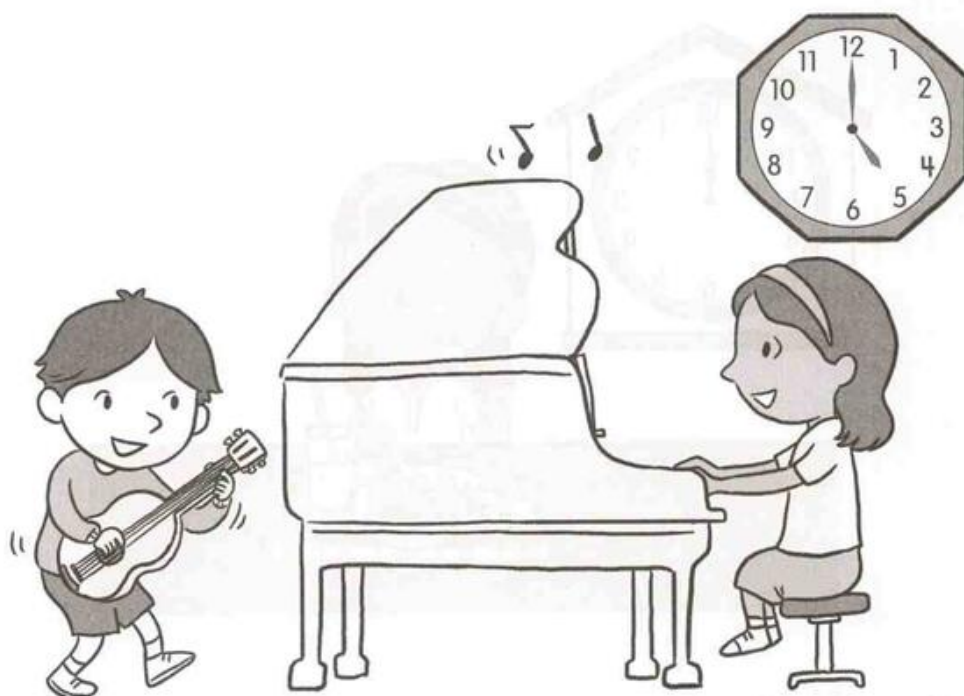
She has lunch at _____.

4.



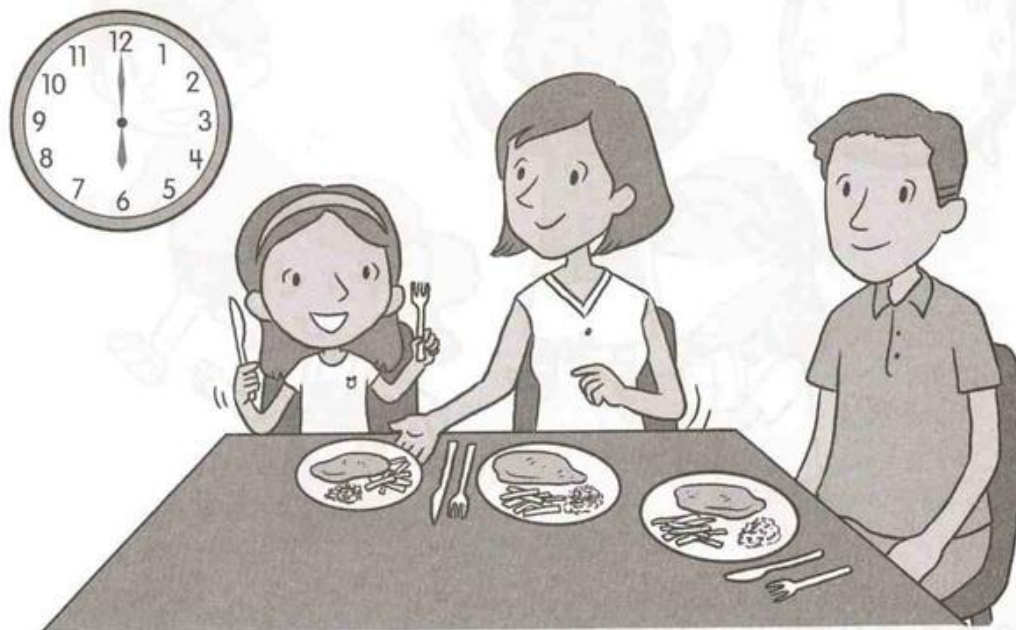
She plays with her friends at _____.

5.



Roberta practices piano at _____.

6.



She has her dinner at _____.

Name: _____

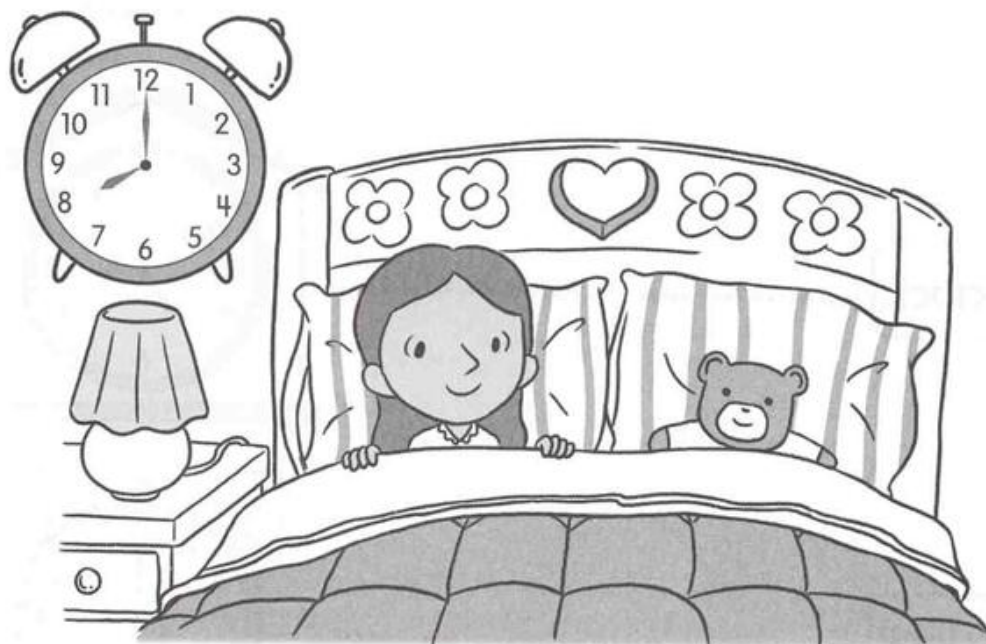
Date: _____

7.



She does her homework at _____.

8.



She goes to bed at _____.

Color the clock faces that show the correct time.

9.

3 o'clock

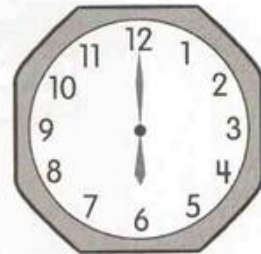
.....



10.

9 o'clock

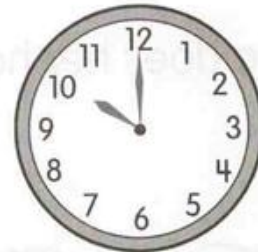
.....



11.

12 o'clock

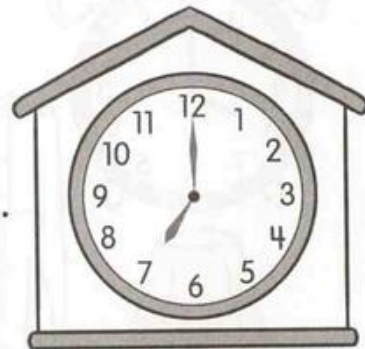
.....



12.

5 o'clock

.....



13.

11 o'clock

.....



Practice 3 Telling Time to the Half Hour

Match the clock to the correct time.

1.



•

•

half past 5



•

•

half past 2



•

•

half past 9



•

•

half past 7



•

•

half past 8

Color the clock faces that show the correct time.

2.

It is half past 6.

.....



3.

It is half past 10.

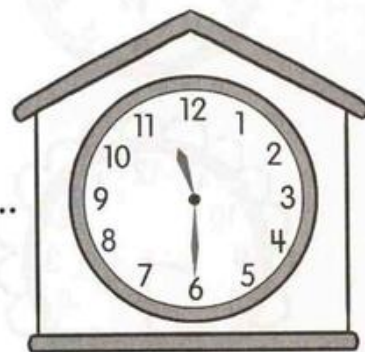
.....



4.

It is half past 11.

.....



5.

It is half past 1.

.....



6.

It is half past 5.

.....



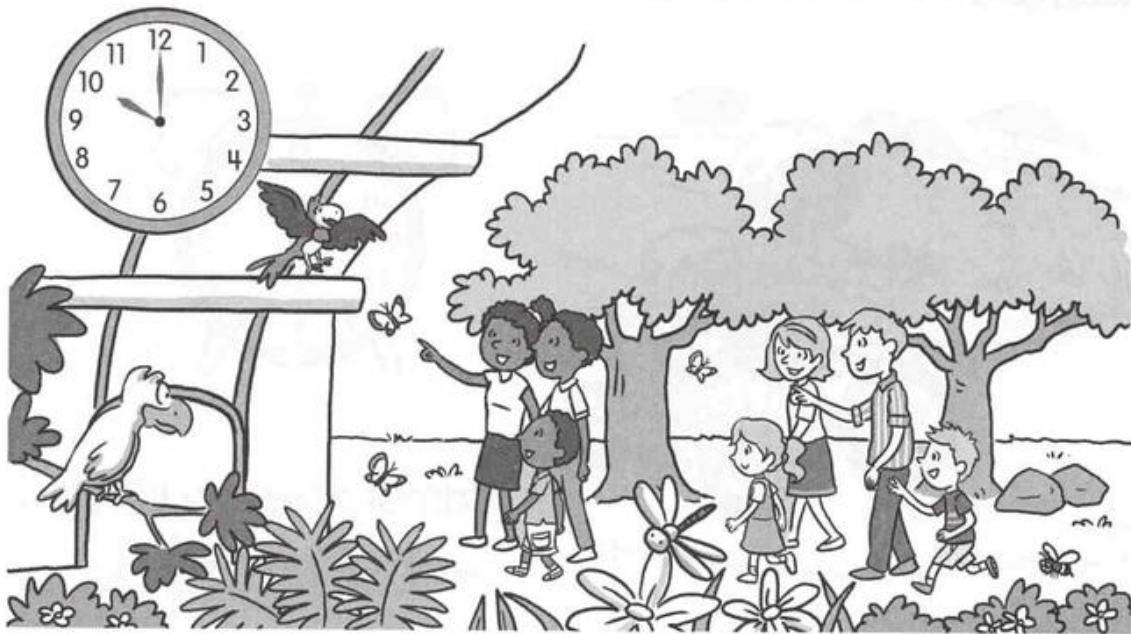
Name: _____

Date: _____

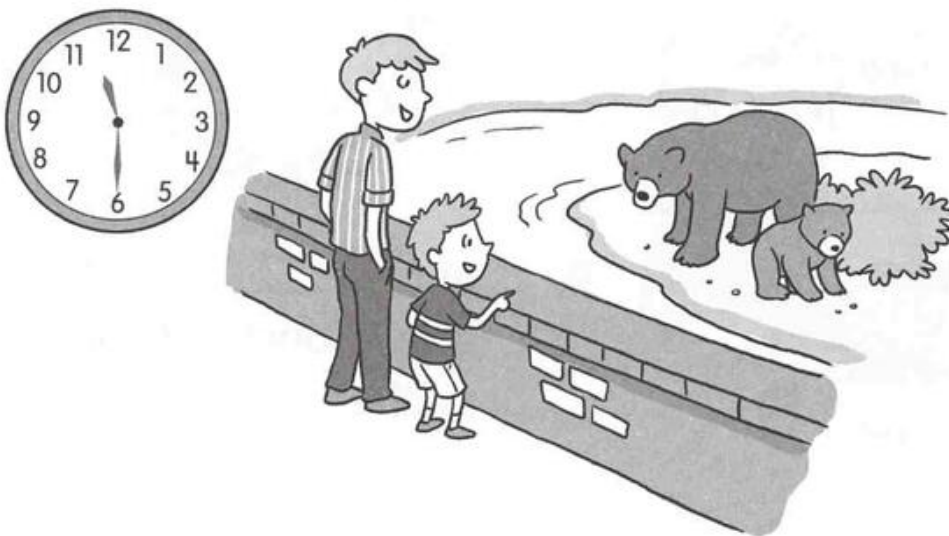
The children go to the zoo with their parents.

Look at the pictures.

Write the correct times.



7. They visit the bird and butterfly area at _____.



8. They look at the bears at _____.

The pictures show what each child does on a Sunday.

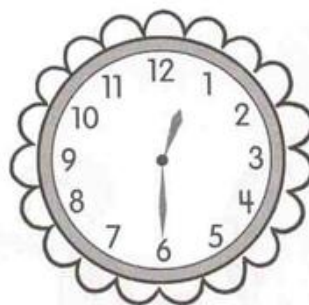
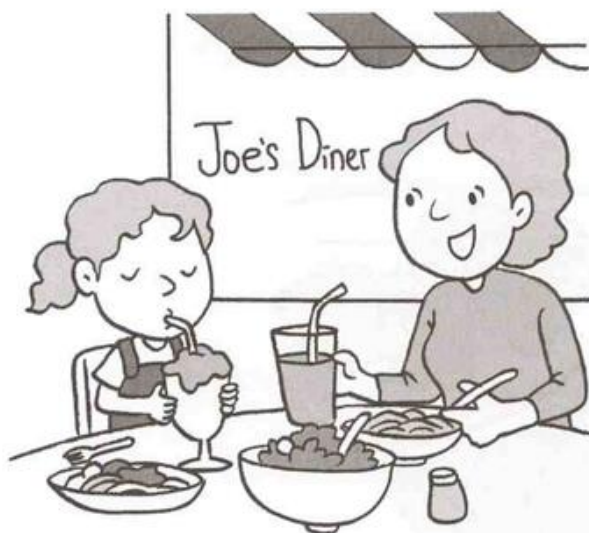
Look at the pictures.

Then fill in the blanks.

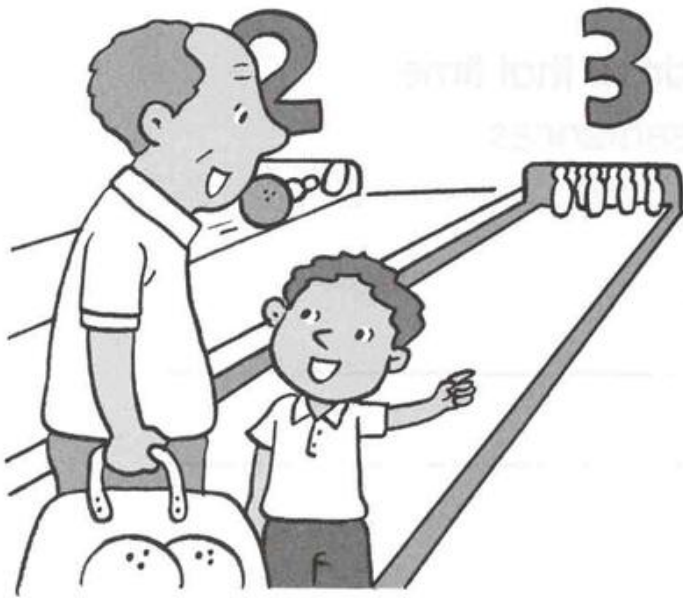
Example



Jamal rides the bike with
his Dad at half past 9.



9. At _____, Ashley
enjoys lunch with her
mother.



10. Pedro goes to the bowling alley with his Grandpa at _____.



11. John walks his dog at _____.



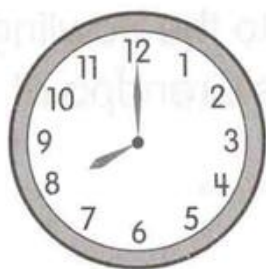
Math Journal

Look at each clock.

Then write about an activity you do at that time.

Use **o'clock** or **half past** in your sentences.

What I do in the morning...



What I do in the afternoon...



What I do at night ...





Put On Your Thinking Cap!



Challenging Practice

Use the calendar to find the answer.

September						
Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

1. What is the date of the second Monday? _____
2. How many Wednesdays are there? _____
3. What is the date of the third Thursday? _____
4. What day of the week is September 25? _____
5.
 - a. Which day of the week will the next month begin on?

 - b. What will be the date? _____
6.
 - a. Which day of the week did the last month end on?

 - b. What was the date? _____



Put On Your Thinking Cap!



Problem Solving

Aunt Betsy is baking some muffins for Lori.

Look at the pictures.

Write 1, 2, 3, and 4 to show the correct order.









Chapter Review/Test

Vocabulary

Choose the correct word.

- There are 7 _____ in one _____.
- There are 12 _____ in one _____.
- The _____ orders time into days, weeks, and months.

week	days
months	year
calendar	

Concepts and Skills

Match.

- | | | |
|--------------------|---|---|
| 4. October | • | • is the season that comes before winter. |
| 5. February | • | • comes before Saturday. |
| 6. Sunday | • | • is the tenth month of the year. |
| 7. Friday | • | • is the first day of the week. |
| 8. Fall | • | • is the only month with 28 or 29 days. |
| 9. Write the time. | | |







Fill in the blanks.

10. School starts at _____.
11. School is over at _____.
12. Name your favorite season. Explain your answer.

Problem Solving

Solve.

13. Today is May 12, 2010.
What will the date be in one week?
14. Leon's birthday is on March 15.
Angelina's is one week after Leon's.
When is Angelina's birthday?



Cumulative Review

for Chapters 14 and 15

Concepts and Skills

Add.

Use doubles facts or doubles plus one facts.

1. $6 + 6 =$ _____

2. $8 + 7 =$ _____

Add mentally.

3. $12 + 5 =$ _____

4. $24 + 3 =$ _____

5. $21 + 8 =$ _____

6. $32 + 4 =$ _____

Add mentally.

7. $10 + 23 =$ _____

8. $18 + 10 =$ _____

Subtract mentally.

9. $11 - 5 =$ _____

10. $18 - 9 =$ _____

11. $23 - 2 =$ _____

12. $27 - 2 =$ _____

Subtract mentally.

13. $26 - 10 =$ _____

14. $35 - 10 =$ _____

15. $30 - 20 =$ _____

16. $27 - 20 =$ _____

Fill in the blanks.

17. There are _____ months in one year.

18. _____ is the sixth month of the year.

19. _____ is the month that comes before December.

20. _____ months have 31 days.

21. The four seasons are spring, _____,
_____, and _____.

Match.**22.**

● half past 10

23.

● 7 o'clock

24.

● 6 o'clock

25.

● half past 2

Ethan does some activities on a Sunday.
Write the time for each activity.

26.



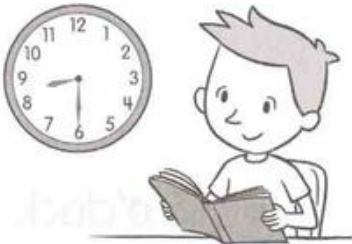
Ethan eats his breakfast
at _____.

27.



Ethan swims at _____.

28.



Ethan reads his book at
_____.

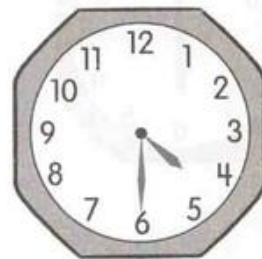
Which clock shows the correct time?
Put a ✓ in the ☐.

29.



10 o'clock ☐

30.



half past 4 ☐

Problem Solving

SEPTEMBER						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Fill in the blanks.

Use the calendar to help you.

- 31.** The third day of the month falls on a _____.
- 32.** There are _____ days in this month.
- 33.** The date of the third Thursday of the month is _____.
- 34.** The day of the week after September 15 is _____.
- 35.** The first day of September is on a _____.
- So, the last day of August was on a _____.

Use the calendar on pg 133.

SEPTEMBER						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

36. Fill in the blanks with the dates for all the Fridays.

_____, _____, _____, _____

Fill in the blanks. Use your answers in Exercise 36 to help you.

37. The date for each Friday is _____ more than the date for the Friday before.

38. This is because there are _____ days in a week.

Problem Solving

Solve.

Show your work.

39. Laila ice skates for three weeks.
She ice skates only from Monday to Thursday for each week.
How many days does she ice skate in all?

She ice skates for _____ days.

CHAPTER 16

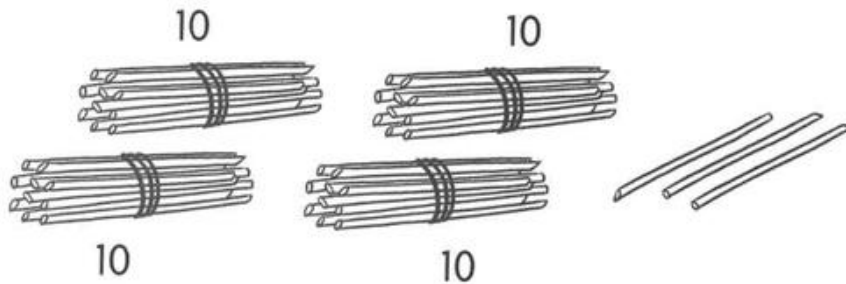
Numbers to 100

Practice 1 Counting to 100

Count in tens and ones.

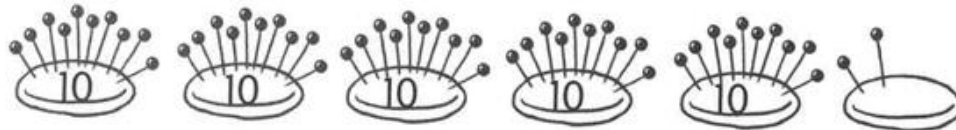
Fill in the blanks.

Example



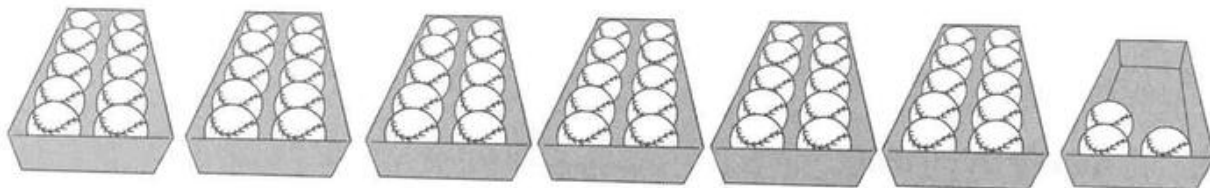
10, ... 20, ... 30, ... 40, 41, 42, 43

1.



10, ... 20, ... 30, ... 40, ... _____, _____, _____

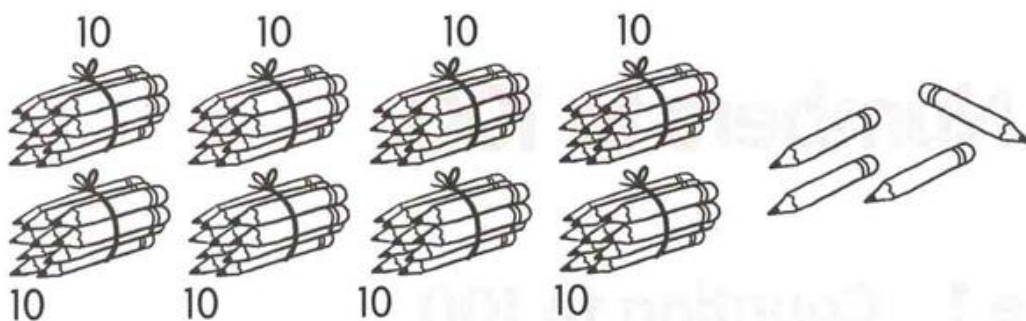
2.



10, ... 20, ... 30, ... 40, ... 50, ... 60, _____,

_____, _____

3.



_____, ... 20, ... 30, ... 40, ... 50, ... 60, ... 70, ...

_____, _____, 82, 83, _____

Write the number.

4. forty-nine

5. sixty-eight

6. ninety-five

7. eighty-seven

8. fifty-six

9. seventy-three

10. ninety-two

Match the number to the words.

11. 40 • • fifty-one
51 • • seventy-two
72 • • forty
88 • • eighty-eight
56 • • sixty-five
65 • • fifty-six
90 • • thirty-three
33 • • ninety

**Find the missing numbers.**

12. 60 and 4 make _____.
13. 5 and 70 make _____.
14. 50 and _____ make 53.
15. _____ and 4 make 84.
16. $40 + 5 =$ _____
17. _____ + 80 = 88

Circle a group of 10.

Estimate how many there are.

Then count.

18.



Estimate: _____

Count: _____

19.



Estimate: _____

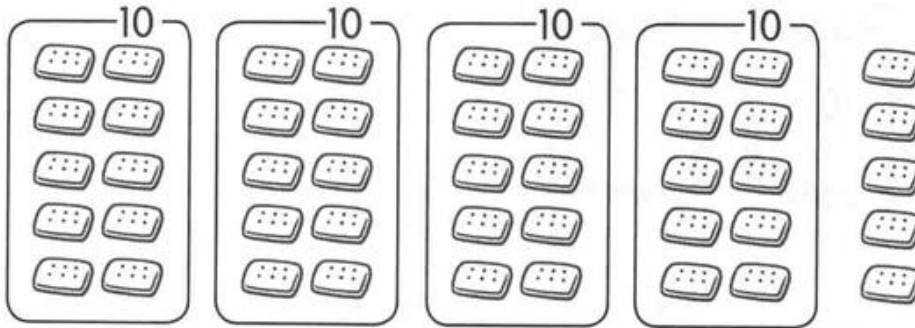
Count: _____

Practice 2 Place Value

Look at the pictures.

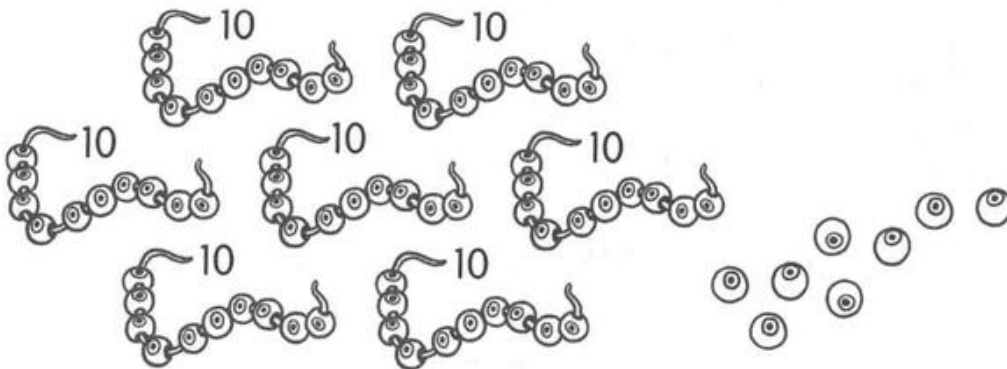
Then fill in the blanks.

Example



$$\underline{45} = \underline{4} \text{ tens } \underline{5} \text{ ones}$$

1.



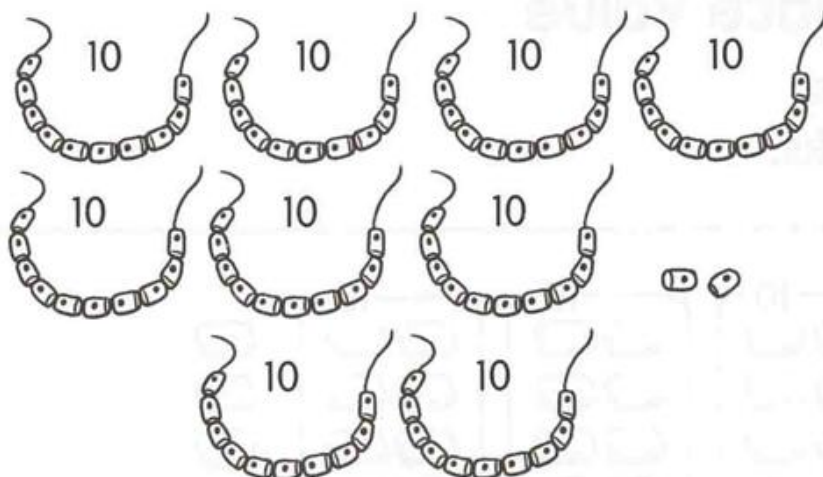
$$\underline{\quad} = \underline{\quad} \text{ tens } \underline{\quad} \text{ ones}$$

2.



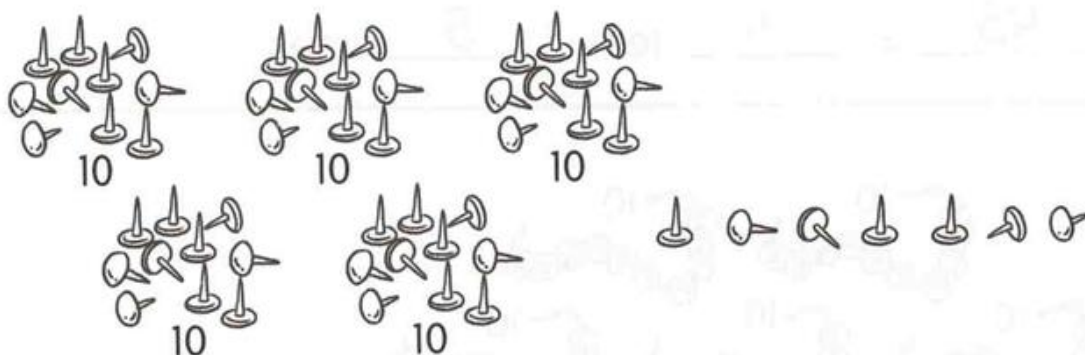
$$\underline{\quad} = \underline{\quad} \text{ tens } \underline{\quad} \text{ ones}$$

3.



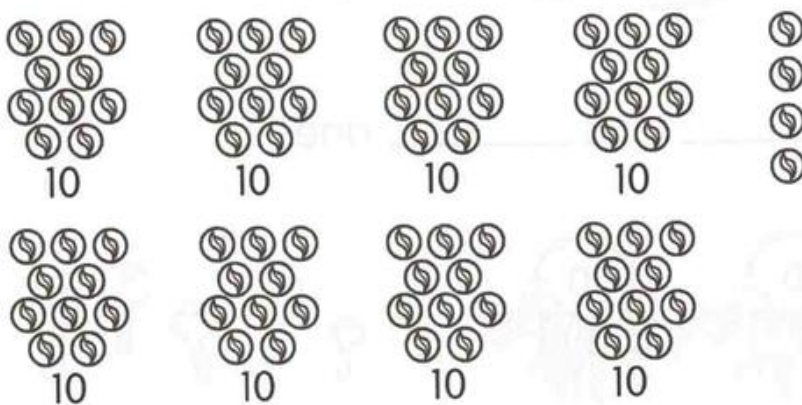
_____ = _____ tens _____ ones

4.



_____ = _____ tens _____ ones

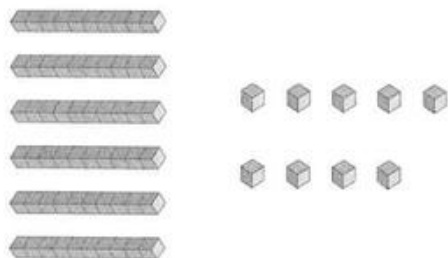
5.



_____ = _____ tens _____ ones

Count the base-ten blocks.
Then fill in the blanks.

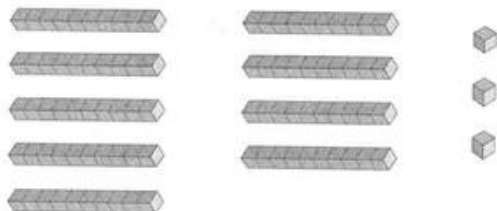
Example



$$\underline{69} = \underline{6} \text{ tens } \underline{9} \text{ ones}$$

$$\underline{60} + \underline{9} = \underline{69}$$

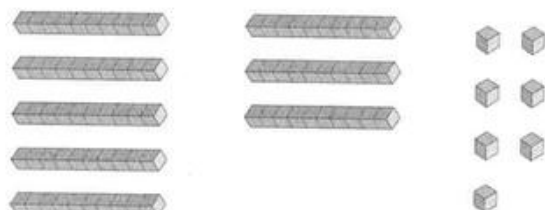
6.



$$\underline{\quad\quad} = \underline{\quad\quad} \text{ tens } \underline{\quad\quad} \text{ ones}$$

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

7.



$$\underline{\quad\quad} = \underline{\quad\quad} \text{ tens } \underline{\quad\quad} \text{ ones}$$

$$\underline{\quad\quad} + \underline{\quad\quad} = \underline{\quad\quad}$$

Fill in the place-value charts.

8.



Tens	Ones

9.



Tens	Ones

10.



Tens	Ones

11.



Tens	Ones

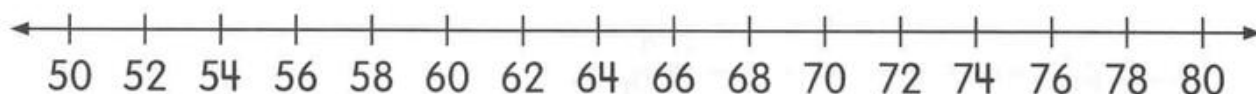
12.



Tens	Ones

Practice 3 Comparing, Ordering, and Patterns

Find the missing numbers.

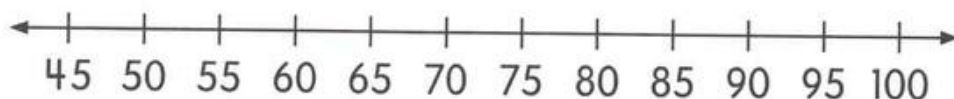


Example

2 more than 50 is 52.

2 less than 66 is 64.

1. 2 more than 54 is _____.
2. _____ is 2 more than 66.
3. 2 less than 78 is _____.
4. _____ is 2 less than 74.



5. 5 more than 50 is _____.
6. 10 more than 85 is _____.
7. 5 less than 65 is _____.
8. _____ is 10 less than 100.
9. _____ is 5 more than 75.
10. _____ is 5 less than 75.

Circle the greater number.



Example

50

or

71

11. 72 or 87

12. 92 or 69

13. 54 or 45

14. 67 or 76

15. 86 or 83

16. 94 or 98

Color the number that is less.



Example

62

or

81

17. 59 or 71

18. 68 or 93

19. 79 or 97

20. 84 or 48

21. 62 or 67

22. 96 or 91

Compare the numbers.

Then fill in the blanks.

23.



The least number is _____.

The greatest number is _____.

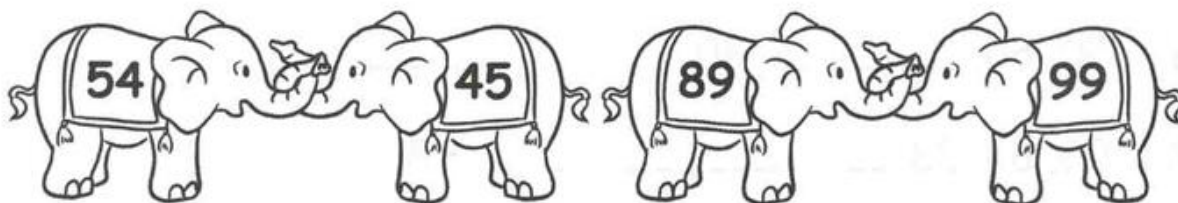
24.



The least number is _____.

The greatest number is _____.

25. Order the numbers from greatest to least.



_____, _____, _____, _____
greatest least

Use the numbers to fill in the blanks.



26. The greatest number is _____.
27. The least number is _____.
28. _____, _____, and _____ are less than 84.
29. _____ and _____ are greater than 84.
30. 67 is greater than _____ but less than 100.
31. 92 is less than _____ but greater than 84.

Complete each number pattern.

32. 50, 51, 52, _____, 54, 55, _____, _____, 58
33. 73, 72, 71, _____, _____, 68, _____
34. _____, 87, 89, _____, 93, _____
35. 99, _____, 95, 93, _____, _____
36. 50, 60, _____, 80, _____, _____
37. 93, 83, 73, _____, _____, 43, _____





Put on Your Thinking Cap!



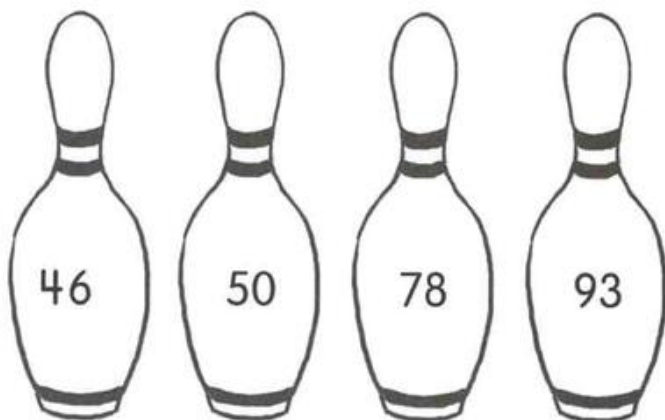
Challenging Practice

Read each clue.

Cross out the numbers that are incorrect.

Fill in the blanks.

1.

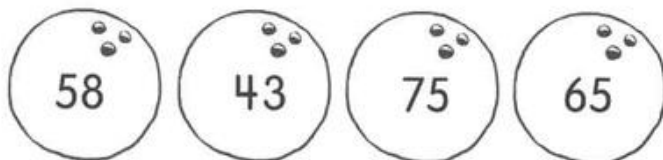


The mystery number is less than 90.

It is greater 56.

The mystery number is _____.

2.

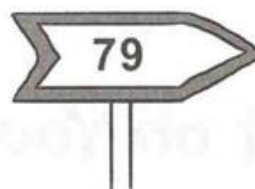


The mystery number is greater than 50 but less than 70.

It is 5 more than 60.

The mystery number is _____.

3.



The mystery number is less than 90 but greater than 63.
It is 1 less than 80.
The mystery number is _____.



Put on Your Thinking Cap!



Problem Solving

Use the chart to complete the following number patterns.
Explain the rule for the number pattern.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Example

22, 25, 28, 31, 34, 37, 40

Rule: Counting on in steps of 3 from the
number before it

Or Adding 3 to the number before it

1. 41, 46, 51, 56, _____, _____, _____

Rule: _____

2. 30, 36, 42, 48, _____, _____, _____

Rule: _____

3. 10, 20, 30, 40, _____, _____, _____

Rule: _____

4. 81, 78, 75, 72, _____, _____, _____

Rule: _____

5. 90, 85, 80, 75, _____, _____, _____

Rule: _____

6. 80, 70, 60, 50, _____, _____, _____

Rule: _____

Chapter Review/Test

Vocabulary

Choose the correct word.

compare estimate number line

1. You _____ numbers by finding which number is greater than or less than the other.
2. When you do not need an exact number, you can _____.
3. A _____ is used to compare numbers.

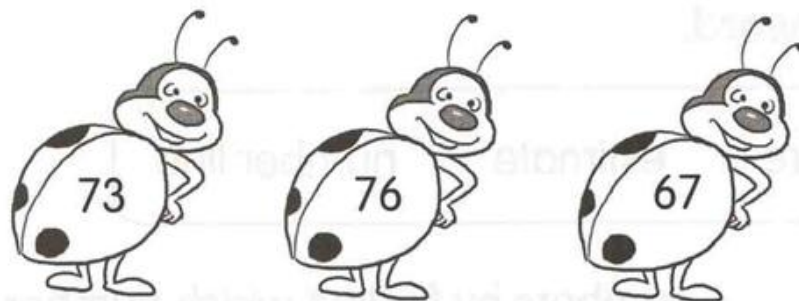
Concepts and Skills

Fill in the blanks.

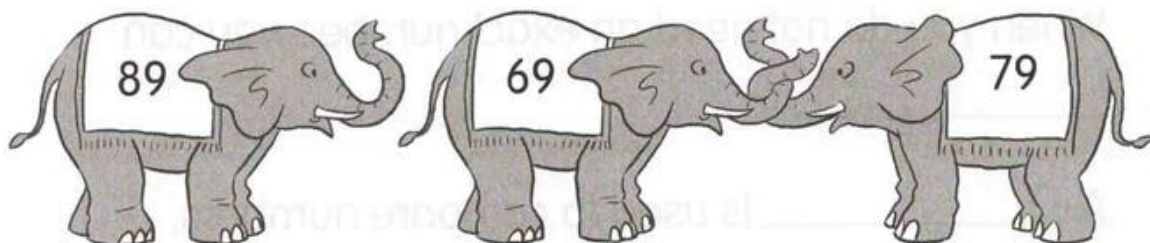
4. Write ninety-eight as a number. _____
5. Write 74 in word form. _____
6. 80 and 7 make _____.
7. $64 =$ _____ tens _____ ones
8. _____ is 6 more than 54.

Compare.

9. Circle the greatest number.

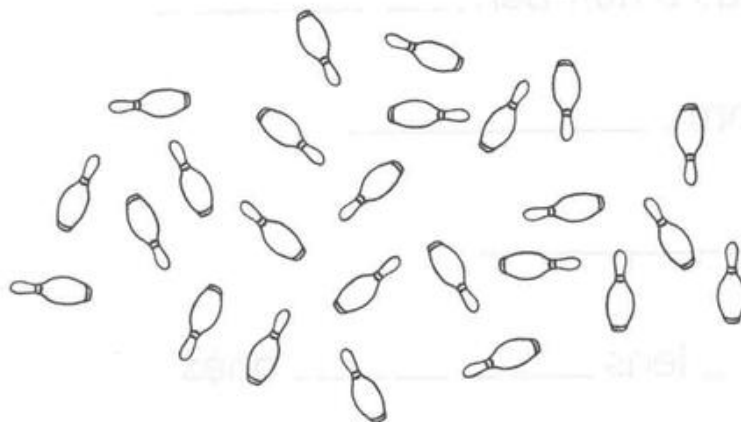


10. Circle the least number.



Estimate then count.

11. Estimate the number of bowling pins.
Then count the exact number.



Estimate: _____

Count: _____

CHAPTER
17**Addition and Subtraction
to 100****Practice 1 Addition Without Regrouping**

Add by counting on.

Example

$73 + 4 = \underline{77}$

73, 74, 75, 76, 77

1. $85 + 3 = \underline{\hspace{2cm}}$

85, _____, _____, _____



2. $62 + 6 = \underline{\hspace{2cm}}$

62, _____, _____, _____
_____, _____, _____

Add.

$$\begin{array}{r} 3. \quad \quad 5 \quad 3 \\ + \quad \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad 9 \quad 2 \\ + \quad \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad 8 \quad 3 \\ + \quad \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad 4 \quad 4 \\ + \quad \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \quad \quad 2 \\ + \quad 6 \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \quad \quad 4 \\ + \quad 7 \quad 3 \\ \hline \end{array}$$

Fill in the missing numbers.

9. $5 + 82 = \underline{\hspace{2cm}}$

10. $93 + 2 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

Name: _____

Date: _____

Add.

$$\begin{array}{r} 11. \quad \begin{array}{r} 20 \\ + 50 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 12. \quad \begin{array}{r} 60 \\ + 23 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13. \quad \begin{array}{r} 37 \\ + 40 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 14. \quad \begin{array}{r} 53 \\ + 45 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 15. \quad \begin{array}{r} 63 \\ + 24 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 16. \quad \begin{array}{r} 47 \\ + 12 \\ \hline \end{array} \end{array}$$

Fill in the missing numbers.

$$17. \quad 56 + 23 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

$$18. \quad 86 + 13 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \square \square \\ + \square \square \\ \hline \square \square \end{array}$$

Match.

19.

89

•

•



85

•

•



77

•

•



42

•

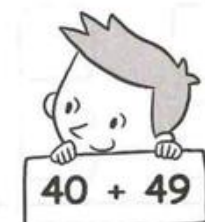
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90

•

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Practice 2 Addition with Regrouping

Add.

$$\begin{array}{r} 1. \quad \quad 4 \quad 8 \\ + \quad \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \quad 5 \quad 7 \\ + \quad \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \quad \quad 7 \\ + \quad 6 \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \quad 5 \quad 9 \\ + \quad \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \quad 7 \quad 3 \\ + \quad \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \quad \quad 5 \\ + \quad 8 \quad 6 \\ \hline \end{array}$$

Fill in the missing numbers.

$$7. \quad 4 + 66 = \underline{\quad}$$

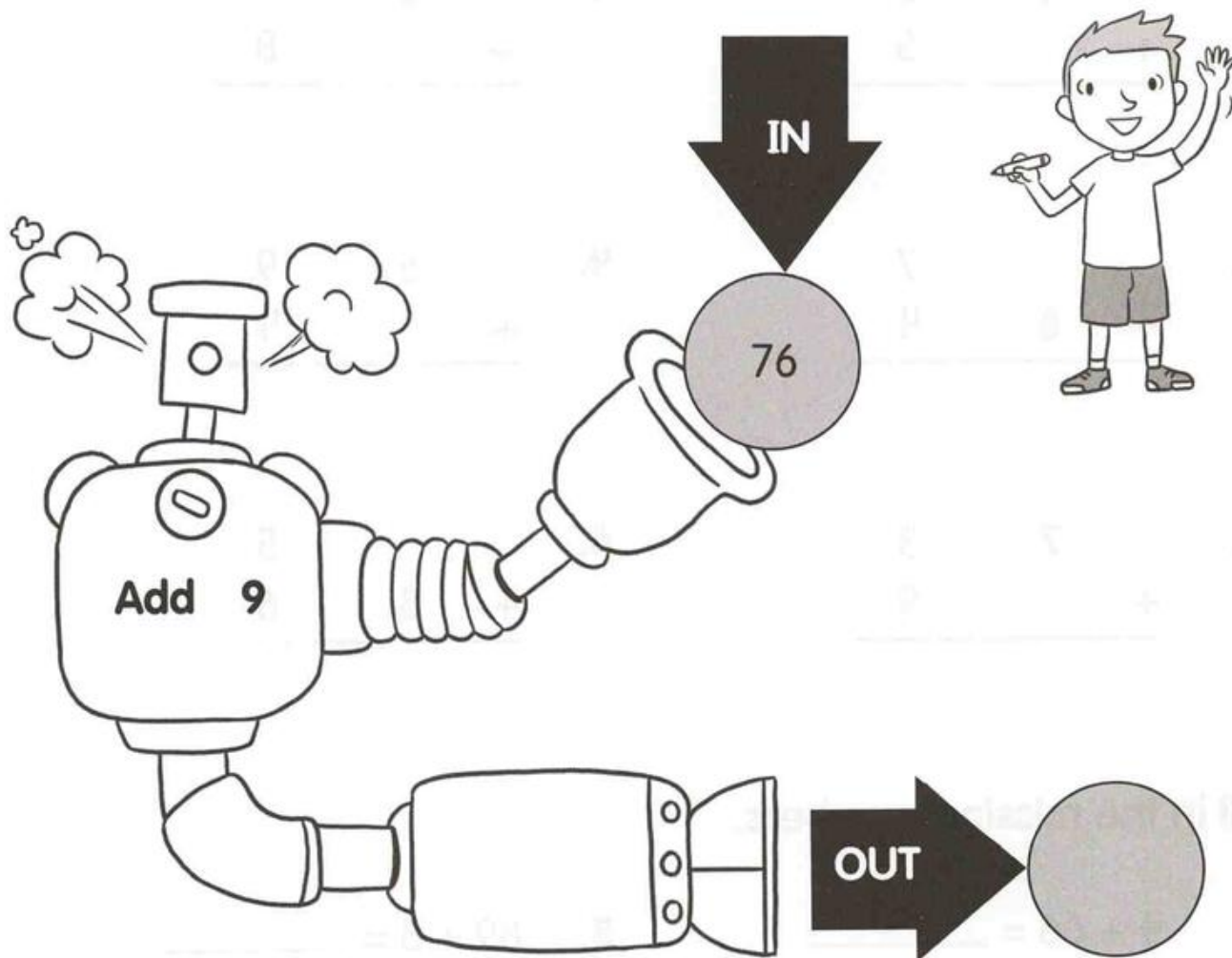
$$8. \quad 89 + 8 = \underline{\quad}$$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

9. Matt drops a ball into the number machine below.
What happens to the number on the ball?

Write the number in the .



Name: _____

Date: _____

Add.

$$\begin{array}{r} 10. \quad \begin{array}{r} 2 \quad 7 \\ + 2 \quad 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 11. \quad \begin{array}{r} 8 \quad 6 \\ + 1 \quad 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 12. \quad \begin{array}{r} 2 \quad 5 \\ + 3 \quad 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13. \quad \begin{array}{r} 4 \quad 4 \\ + 3 \quad 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 14. \quad \begin{array}{r} 3 \quad 9 \\ + 2 \quad 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 15. \quad \begin{array}{r} 3 \quad 6 \\ + 5 \quad 4 \\ \hline \end{array} \end{array}$$

Fill in the missing numbers.

$$16. \quad 19 + 14 = \underline{\hspace{2cm}}$$

$$17. \quad 58 + 36 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

$$\begin{array}{r} \square \quad \square \\ + \square \quad \square \\ \hline \square \quad \square \end{array}$$

Add.

Then answer the question.

18. $52 + 19 = \underline{\hspace{2cm}}$

Y

19. $58 + 6 = \underline{\hspace{2cm}}$

B

20. $67 + 18 = \underline{\hspace{2cm}}$

A

21. $48 + 38 = \underline{\hspace{2cm}}$

E

22. $7 + 59 = \underline{\hspace{2cm}}$

D

23. $43 + 57 = \underline{\hspace{2cm}}$

R

24. $39 + 49 = \underline{\hspace{2cm}}$

T

25. $27 + 49 = \underline{\hspace{2cm}}$

D

26. $56 + 35 = \underline{\hspace{2cm}}$

E

What toy is named after President Theodore Roosevelt?

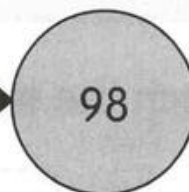
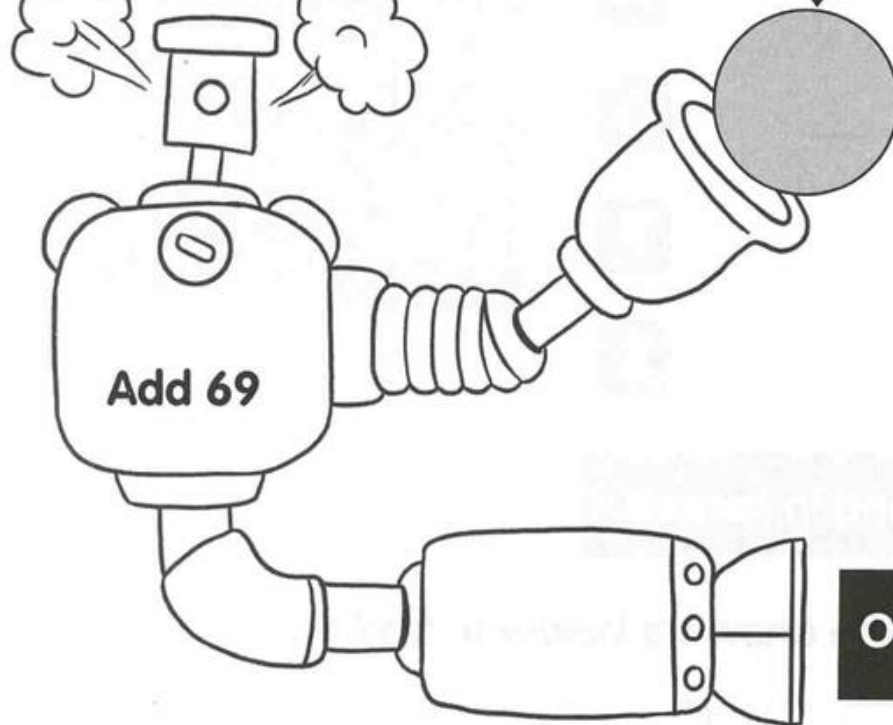
Match the letters to the answers below to find out.

88	86	66	76	71

64	91	85	100

27. Ron drops a ball into a number machine.
Which ball is it?

Write the number in the .



Add.

Then solve the riddle.

28. $45 + 7 =$ 52

29. $52 + 5 =$ _____

30. $2 + 78 =$ _____

31. $72 + 8 =$ _____

32. $2 + 70 =$ _____

33. $64 + 19 =$ _____

34. $28 + 40 =$ _____

35. $40 + 30 =$ _____

36. $61 + 16 =$ _____

37. $17 + 63 =$ _____

T

A

S

N

R

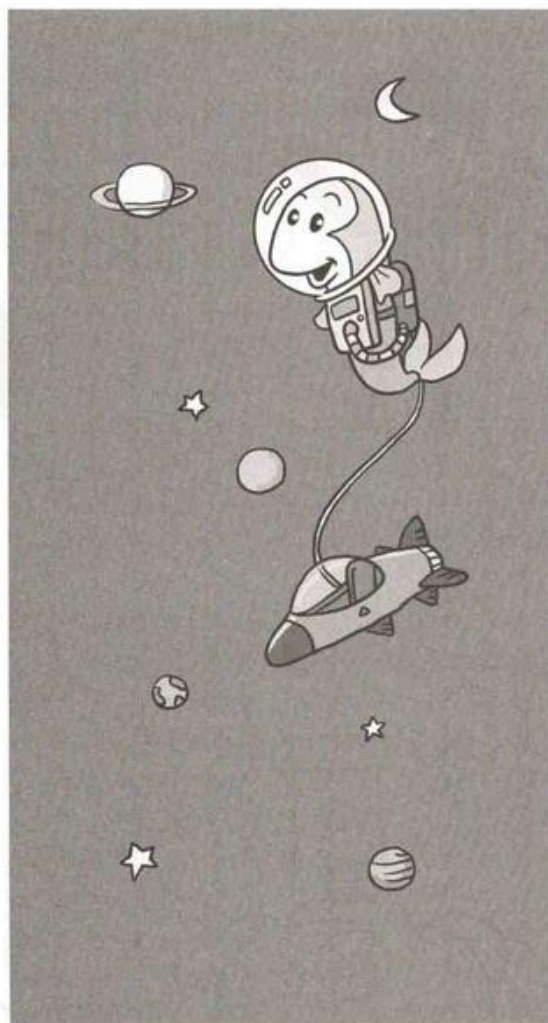
I

H

D

F

S



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Which fish do you find in space?

Match the letters to the answers below to find out.

	T						
80	52	57	72	77	83	80	68

Practice 3 Subtraction Without Regrouping

Count back to subtract.

Example

$$67 - 4 = \underline{63}$$

67, 66, 65, 64, 63



1. $95 - 3 = \underline{\hspace{2cm}}$

95, 94, _____, _____



2. $88 - 5 = \underline{\hspace{2cm}}$

88, 87, _____, _____,
_____, _____



3. $79 - 6 = \underline{\hspace{2cm}}$

79, 78, _____, _____,
_____, _____, _____



Subtract.

4.
$$\begin{array}{r} 58 \\ - \quad 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 69 \\ - \quad 4 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 74 \\ - \quad 3 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 67 \\ - \quad 5 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 96 \\ - \quad 3 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 88 \\ - \quad 7 \\ \hline \end{array}$$

Fill in the missing numbers.

10. $79 - 6 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

11. $99 - 5 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

Name: _____

Date: _____

Subtract.

$$\begin{array}{r} 12. \quad \quad 9 \quad 5 \\ - \quad 2 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \quad 4 \quad 9 \\ - \quad 3 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \quad 7 \quad 0 \\ - \quad 2 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \quad 4 \quad 0 \\ - \quad 2 \quad 0 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \quad 6 \quad 8 \\ - \quad 3 \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad \quad 9 \quad 7 \\ - \quad 5 \quad 4 \\ \hline \end{array}$$

Fill in the missing numbers.

$$18. \quad 56 - 23 = \underline{\hspace{2cm}}$$

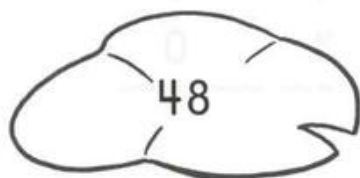
$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

$$19. \quad 86 - 42 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

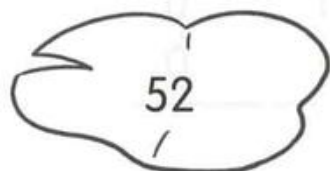
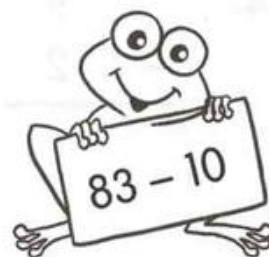
Match.

20.



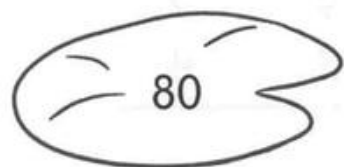
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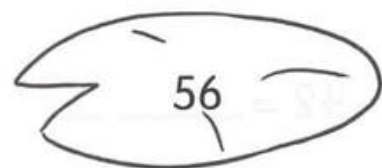
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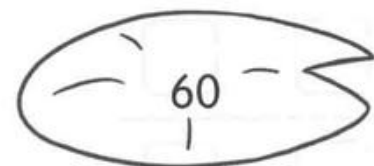
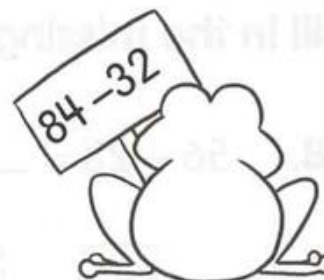
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Practice 4 Subtraction with Regrouping

Subtract.

$$\begin{array}{r} 64 \\ - \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ - \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - \quad 6 \\ \hline \end{array}$$

Fill in the missing numbers.

7. $72 - 9 = \underline{\hspace{2cm}}$

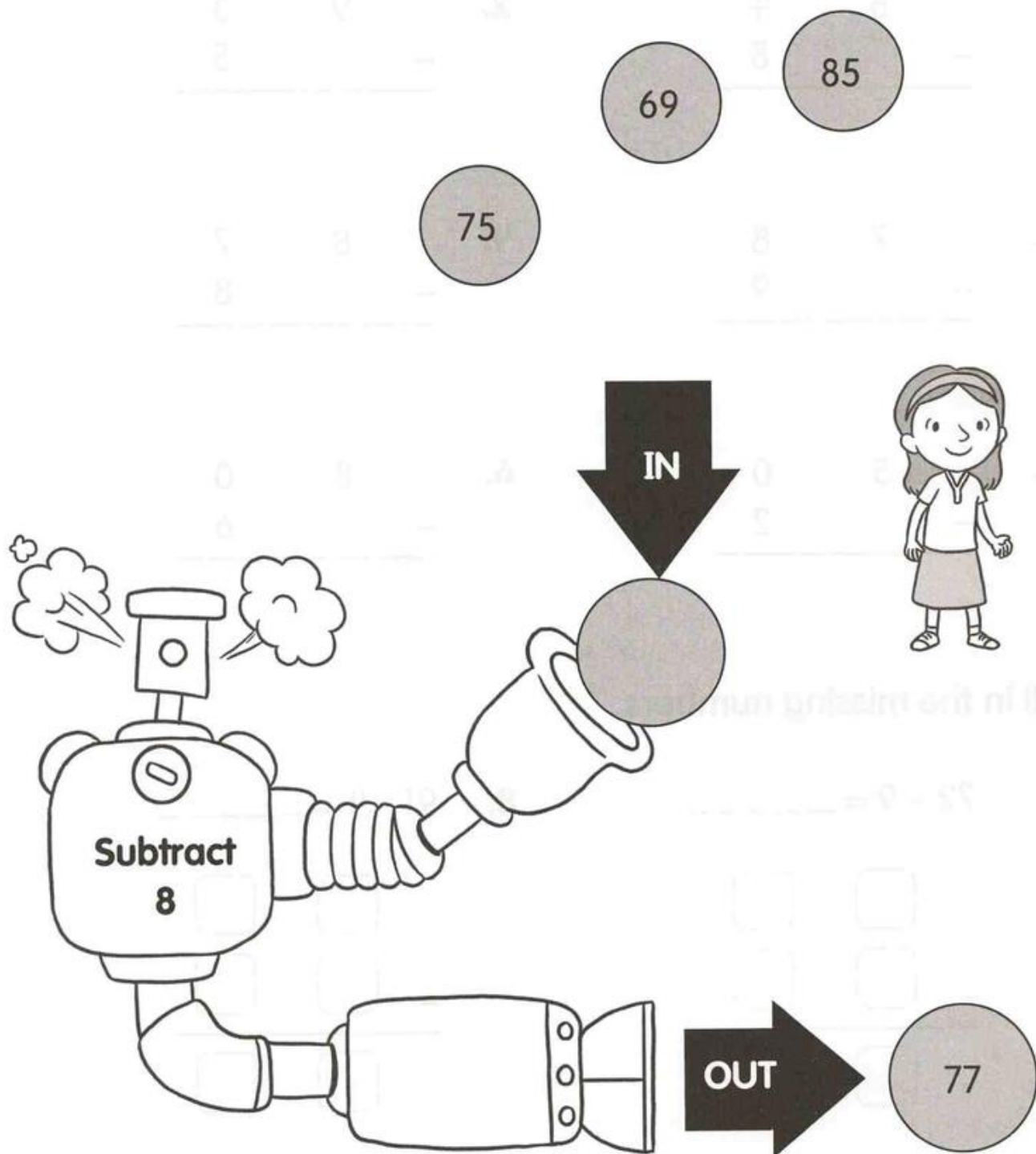
$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

8. $91 - 4 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

9. Kayla drops a ball into a number machine.
Which ball is it?

Write the number in the .



Name: _____

Date: _____

Subtract.

$$\begin{array}{r} 10. \quad \begin{array}{r} 5 \quad 2 \\ - 3 \quad 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 11. \quad \begin{array}{r} 7 \quad 6 \\ - 4 \quad 9 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 12. \quad \begin{array}{r} 8 \quad 5 \\ - 3 \quad 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13. \quad \begin{array}{r} 5 \quad 3 \\ - 4 \quad 7 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 14. \quad \begin{array}{r} 9 \quad 0 \\ - 5 \quad 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 15. \quad \begin{array}{r} 7 \quad 3 \\ - 5 \quad 6 \\ \hline \end{array} \end{array}$$

Fill in the missing numbers.

$$16. \quad 83 - 26 = \underline{\hspace{2cm}}$$

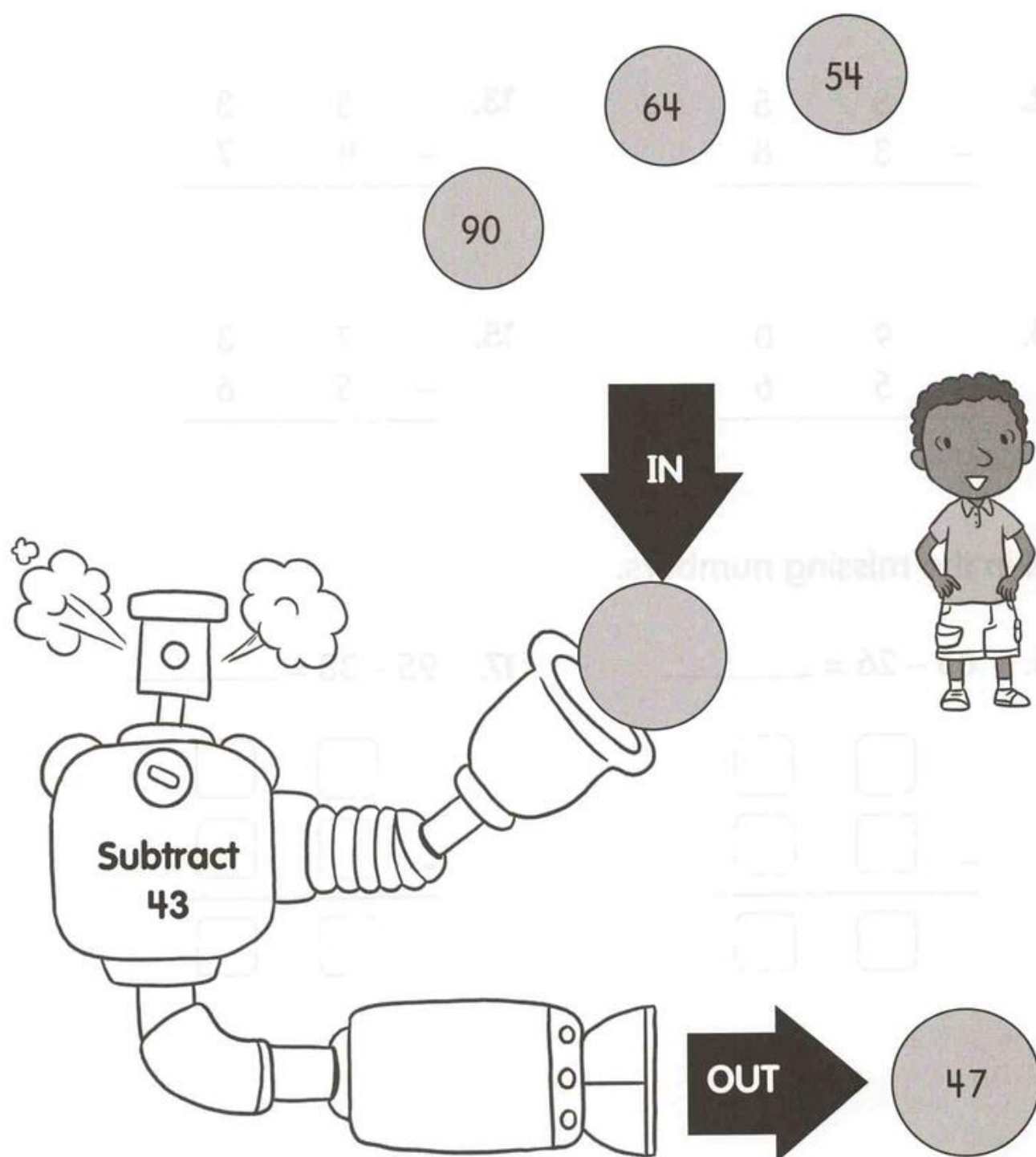
$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

$$17. \quad 95 - 38 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} \square \quad \square \\ - \square \quad \square \\ \hline \square \quad \square \end{array}$$

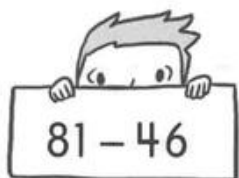
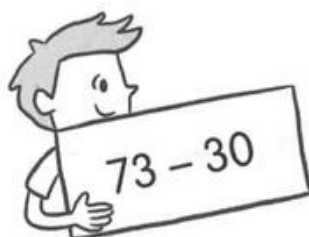
18. Ken drops a ball into a number machine.
Which ball is it?

Write the number in the .



Color the correct answer.

19.



Subtract.

20. $56 - 8 =$ _____

21. $73 - 4 =$ _____

22. $67 - 8 =$ _____

23. $75 - 9 =$ _____

24. $50 - 40 =$ _____

25. $87 - 11 =$ _____

26. $90 - 50 =$ _____

27. $93 - 20 =$ _____

28. $58 - 18 =$ _____

29. $61 - 14 =$ _____

30. $47 - 39 =$ _____

31. $53 - 27 =$ _____

32. $30 - 28 =$ _____

33. $90 - 88 =$ _____



Put on Your Thinking Cap!



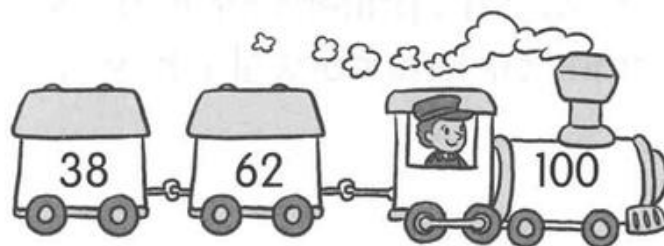
Challenging Practice

The Hundred Train is here!

On its cars are two numbers that add to 100.

Example

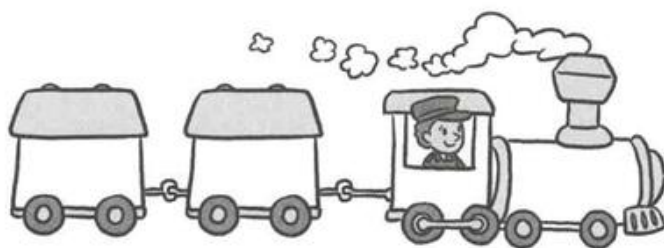
$$38 + 62 = 100$$



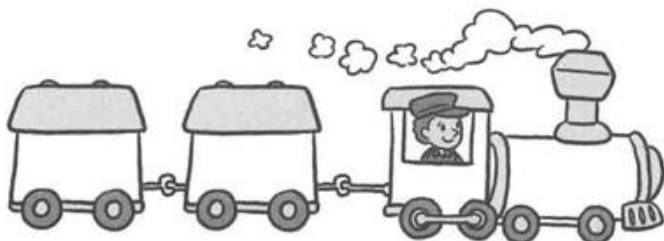
There are many pairs of numbers that make 100.

Write a pair of numbers on each train.

1.



2.





Put on Your Thinking Cap!



Problem Solving

Rosa buys stickers each day.

She buys 1 sticker on the 1st day, 2 stickers on the 2nd day,
3 stickers on the 3rd day and 4 stickers on the 4th day.

Rosa follows this pattern for 10 days.

How many stickers does she have in all?



$$100 = 25 + 30$$

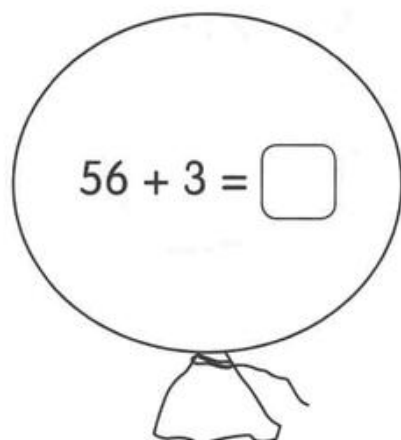


Chapter Review/Test

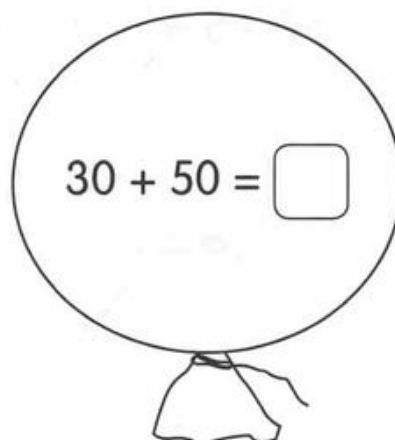
Concepts and Skills

Add.

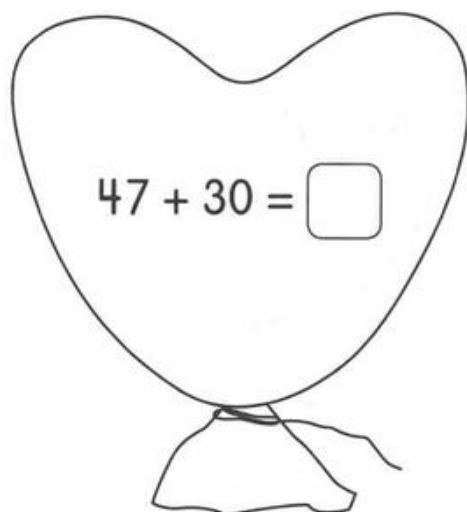
1.



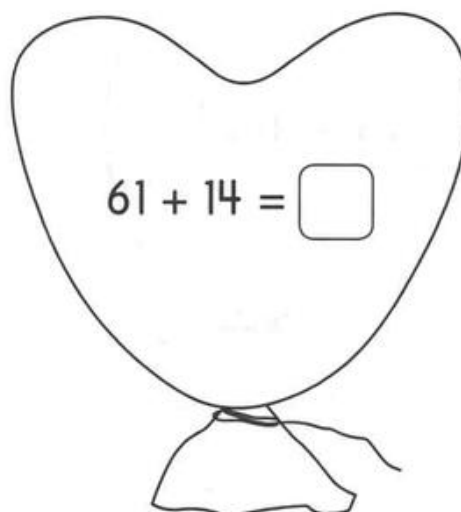
2.



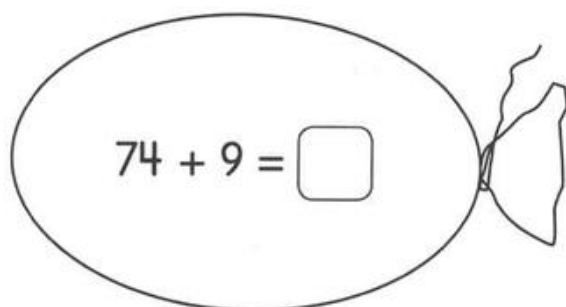
3.



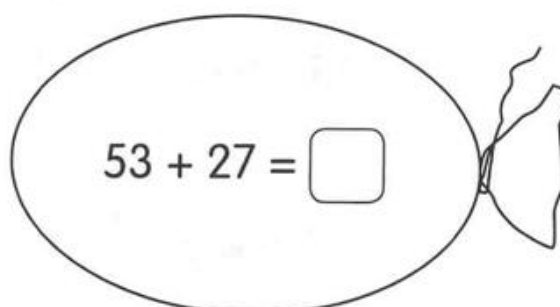
4.



5.

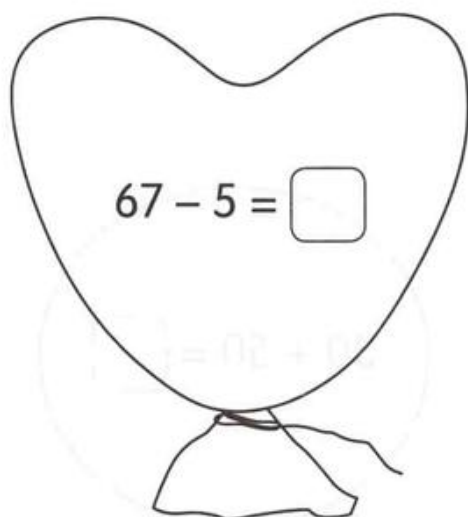


6.

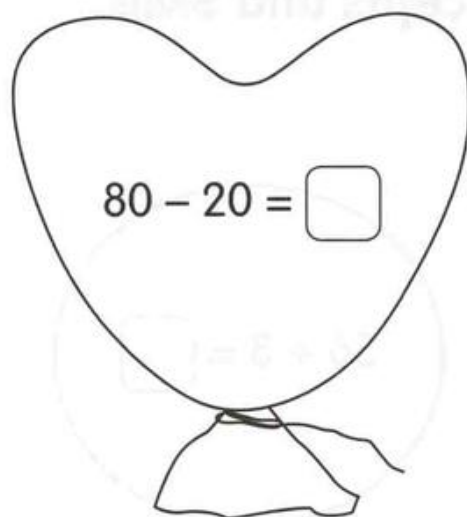


Subtract.

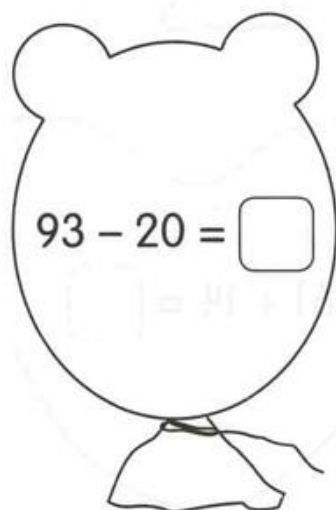
7.



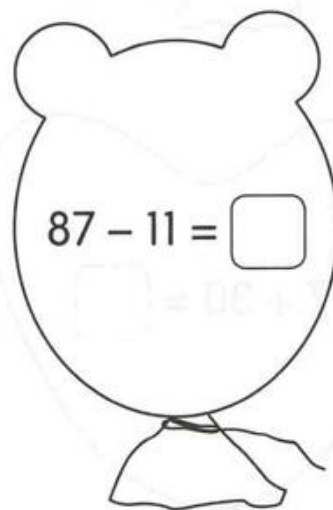
8.



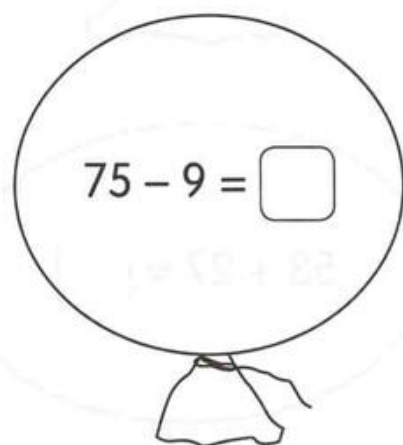
9.



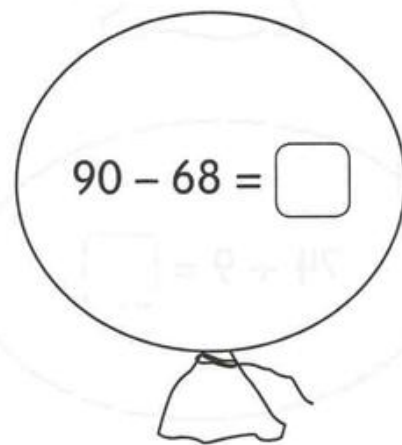
10.



11.



12.



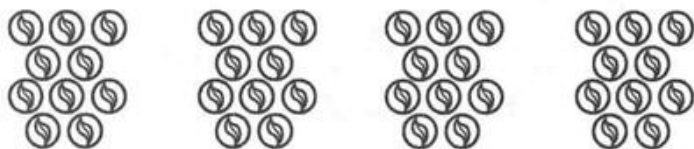
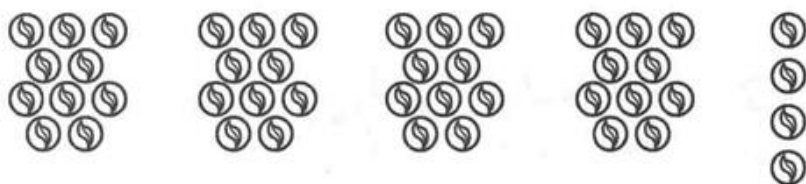
Cumulative Review

for Chapters 16 and 17

Concepts and Skills

Count in tens and ones.

Fill in the blanks.



1. _____, ...20, ...30, ...40, _____, _____,
 _____, ...80, _____, _____, _____, _____.

Write the number in words.

2. 57 _____

3. 93 _____

Write the number.

4. forty-eight _____

5. sixty-nine _____

Fill in the blanks.

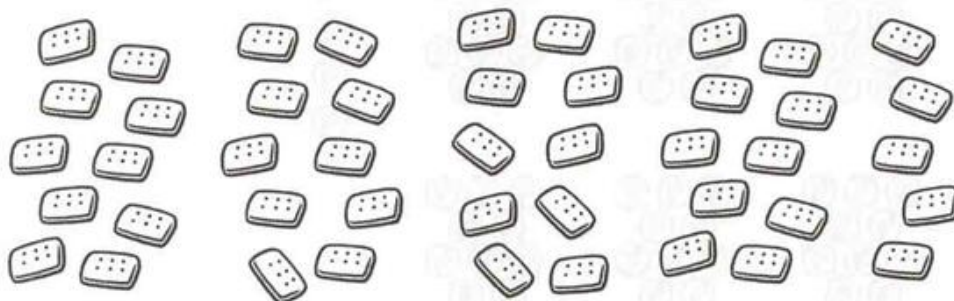
6. 4 and 90 make _____.

7. _____ and 5 make 75.

Estimate.

Then count.

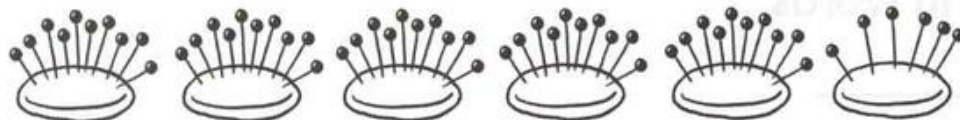
8.



Estimate _____

Count _____

Fill in the blanks.

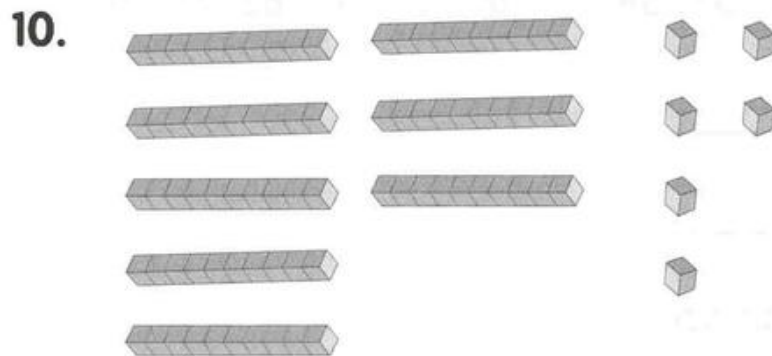


9. _____ = _____ tens _____ ones

Name: _____

Date: _____

Count the base-ten blocks.
Fill in the blanks.



_____ = _____ tens _____ ones

_____ + _____ = _____

Fill in the place-value charts.

11.



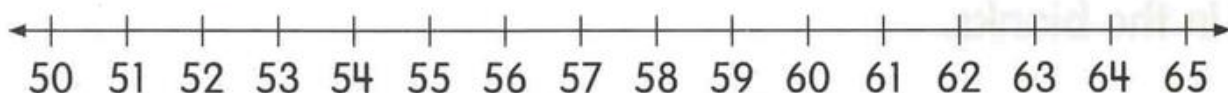
Tens	Ones

12.



Tens	Ones

Find the missing numbers.

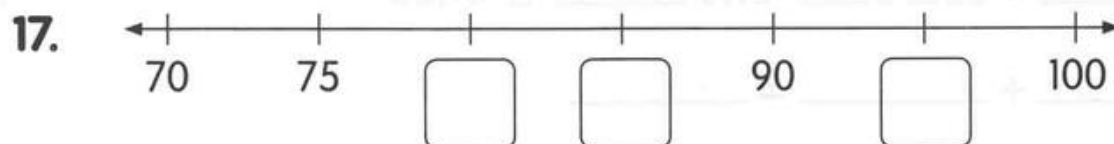


13. 2 more than 54 is _____.

14. 3 less than 65 is _____.

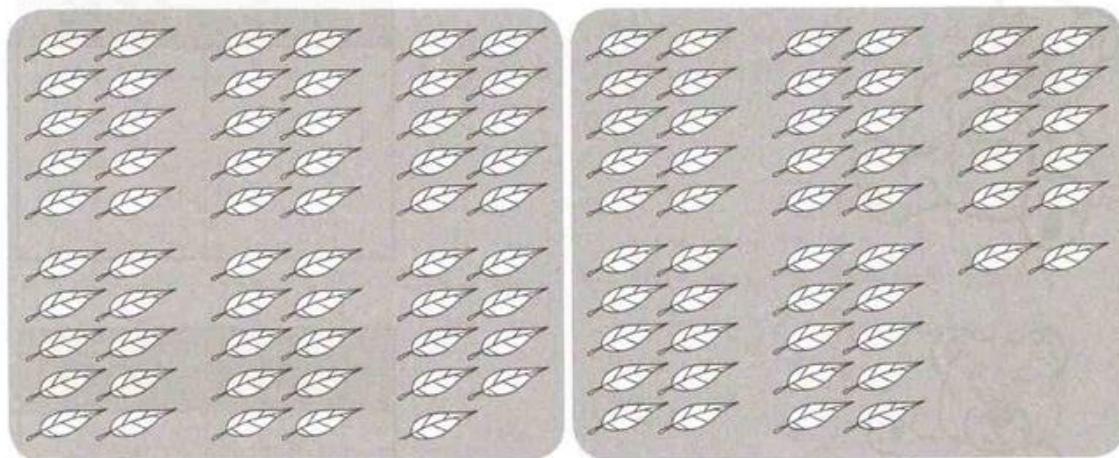
15. _____ is 2 more than 55.

16. _____ is 2 less than 63.



Compare.

Fill in the blanks.



Set A

Set B

18. Set _____ is _____ more than Set _____.

19. Set _____ has more.

Name: _____

Date: _____

Color the greater number.

20. $\bigcirc 71$ or $\bigcirc 80$

21. $\bigcirc 45$ or $\bigcirc 54$

Color the number that is less.

22. $\triangle 35$ or $\triangle 51$

23. $\triangle 91$ or $\triangle 89$

Fill in the blanks.

24.

15		41
	36	

The least number is _____.

The greatest number is _____.

Order the numbers from least to greatest.

25. $\bigcirc 76$ $\bigcirc 50$ $\bigcirc 67$

_____, _____, _____
least**Complete each number pattern.**

26. 73, 72, 71, _____, _____, 68, _____

27. 50, 60, _____, 80, _____, _____

Add by counting on.

28. $82 + 7 =$ _____

29. $50 + 40 =$ _____

Add.

30.
$$\begin{array}{r} 76 \\ + \quad 7 \\ \hline \square\square \end{array}$$

31.
$$\begin{array}{r} 26 \\ + \quad 38 \\ \hline \square\square \end{array}$$

Fill in the missing numbers.

32. $8 + 33 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square\square \\ + \square\square \\ \hline \square\square \end{array}$$

33. $64 + 19 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square\square \\ + \square\square \\ \hline \square\square \end{array}$$

Count back to subtract.

34. $97 - 6 = \underline{\hspace{2cm}}$

35. $50 - 30 = \underline{\hspace{2cm}}$

Subtract.

36.
$$\begin{array}{r} 63 \\ - \quad 7 \\ \hline \square\square \end{array}$$

37.
$$\begin{array}{r} 90 \\ - \quad 6 \\ \hline \square\square \end{array}$$

Fill in the missing numbers.

38. $45 - 6 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square\square \\ - \square\square \\ \hline \square\square \end{array}$$

39. $73 - 58 = \underline{\hspace{2cm}}$

$$\begin{array}{r} \square\square \\ - \square\square \\ \hline \square\square \end{array}$$

Problem Solving

Solve.

- 40.** A number is less than 30 but greater than 10.
It has 6 in the ones place.
What are the possible numbers?

- 41.** A number is 65 when you subtract 6 then add 7.
What is the number?
Circle the number.

58 64 71 52

- 42.** Write an addition sentence to make 100.
One of the numbers must have 3 in the ones place.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = 100$$

There is more than one
correct answer.



Fill in the blank.
Choose a number in the box.

- 43.** 63 40 36 88

$$62 - \underline{\hspace{2cm}} = 26$$

CHAPTER 18

Multiplication and Division

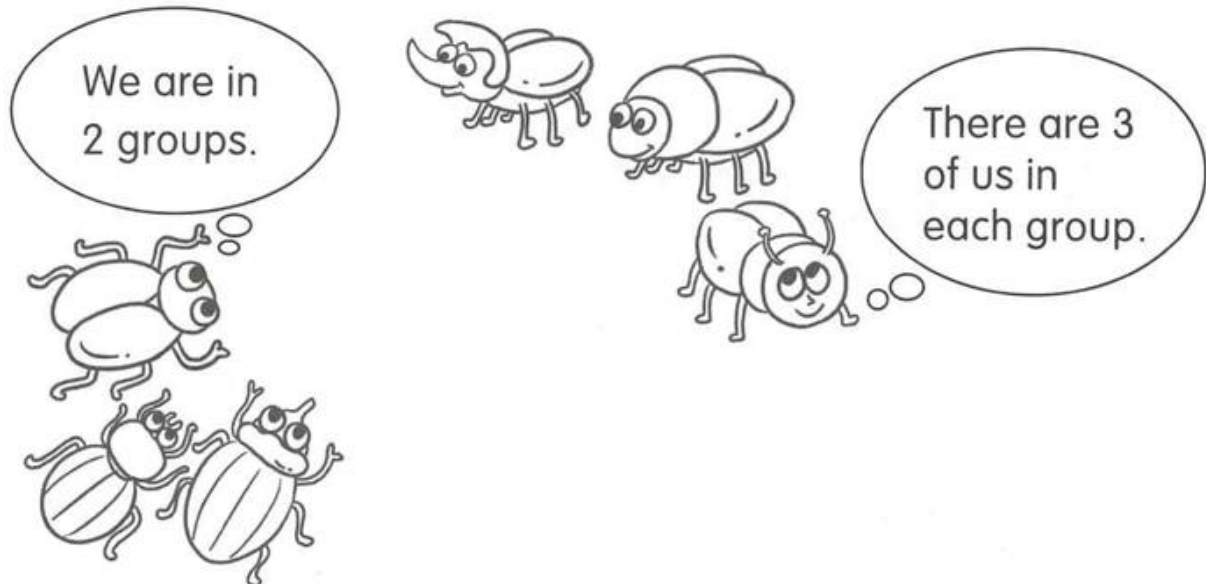
Practice 1 Adding the Same Number

Count the number of groups.

Then count the number of bugs in each group.

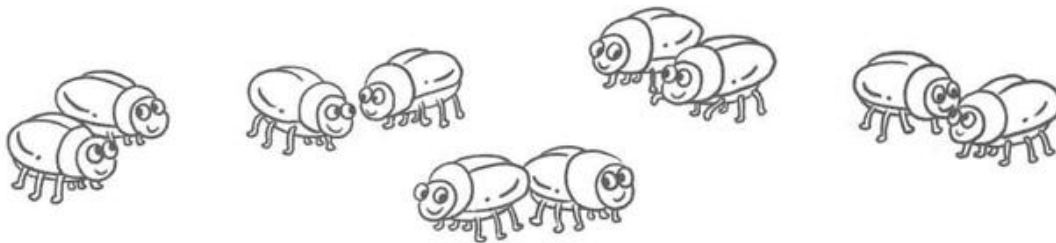
Write the numbers in the blanks.

Example



$$3 + 3 = \underline{6} \quad \dots\dots\dots 2 \text{ threes} = \underline{6}$$

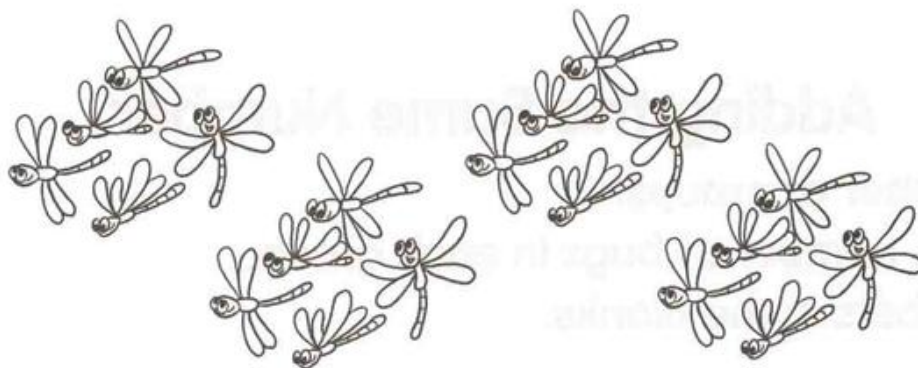
1.



$$2 + 2 + 2 + 2 + 2 = \underline{\hspace{2cm}} \quad \dots\dots\dots 5 \text{ twos} = \underline{\hspace{2cm}}$$

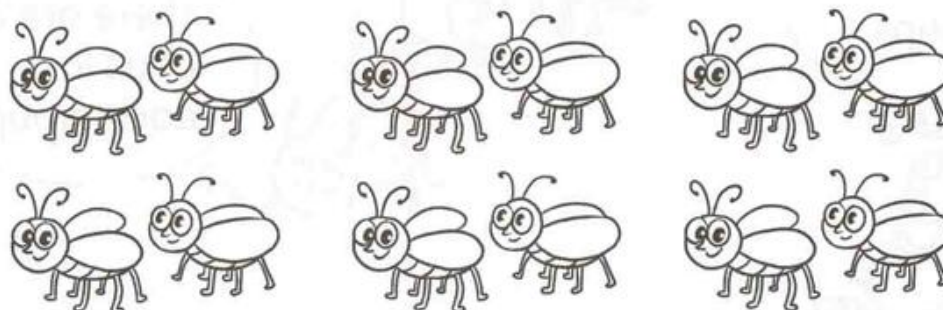
Count the number of groups.
Then count the number of bugs in each group.
Write the numbers in the blanks.

2.



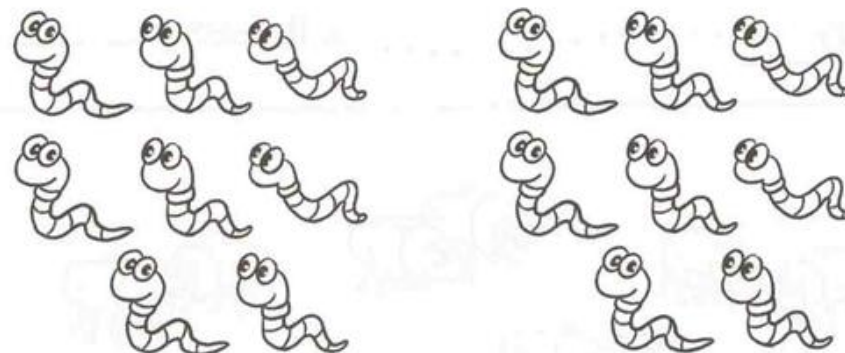
$$5 + 5 + 5 + 5 = \underline{\hspace{2cm}} \dots\dots\dots 4 \text{ fives} = \underline{\hspace{2cm}}$$

3.



$$4 + 4 + 4 = \underline{\hspace{2cm}} \dots\dots\dots 3 \text{ fours} = \underline{\hspace{2cm}}$$

4.



$$8 + 8 = \underline{\hspace{2cm}} \dots\dots\dots 2 \text{ eights} = \underline{\hspace{2cm}}$$

Name: _____

Date: _____

Look at the pictures.
Then fill in the blanks.

5.



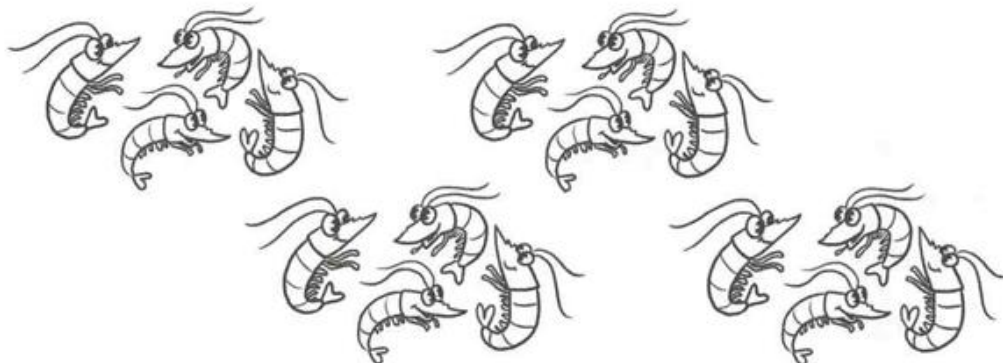
_____ + _____ + _____ + _____ + _____ + _____

= _____

_____ twos = _____

There are _____ snails in all.

6.



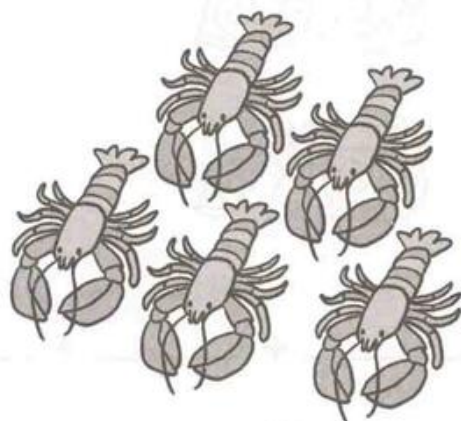
_____ + _____ + _____ + _____ = _____

_____ fours = _____

There are _____ shrimps in all.

Look at the pictures.
Then fill in the blanks.

Example

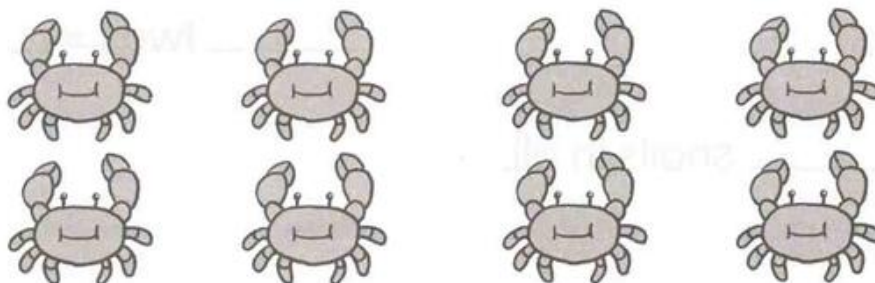


There are 10 lobsters.



2 fives = 10

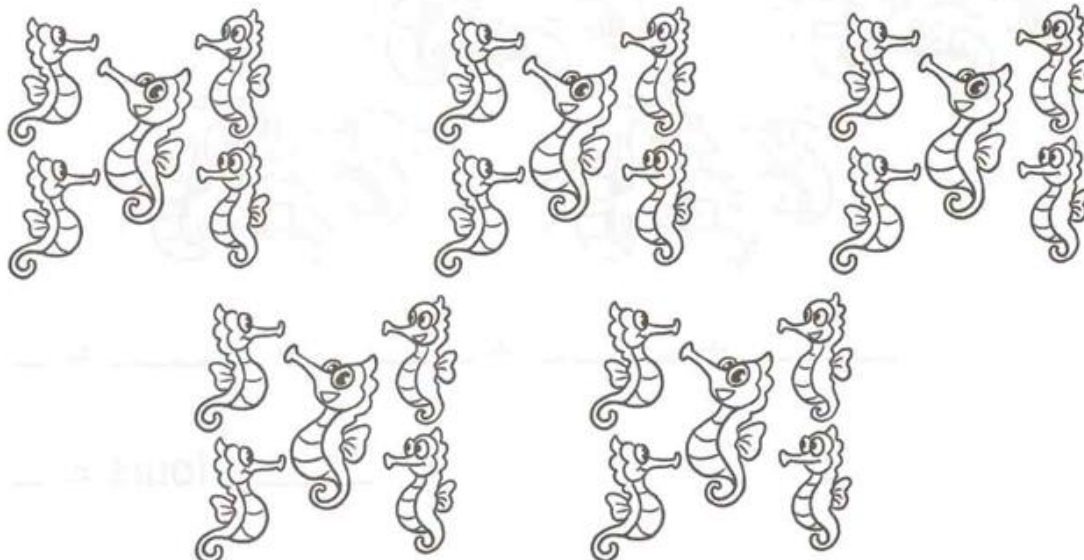
7.



There are _____ crabs.

4 _____ = _____

8.



There are _____ seahorses.

5 _____ = _____

Name: _____

Date: _____

Look at the picture.
Then fill in the blanks.

9. A starfish has _____ arms.

6 fives = _____

6 starfishes have _____ arms.



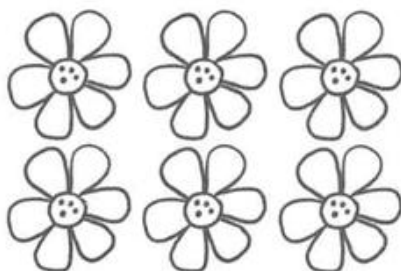
10. Each dress has 5 buttons.



3 _____ = _____

3 dresses have _____ buttons.

11. One flower has _____ petals.

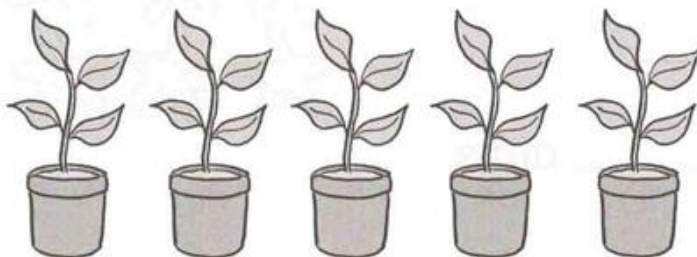


6 _____ = _____

6 flowers have _____ petals.

Look at the picture.
Then fill in the blanks.

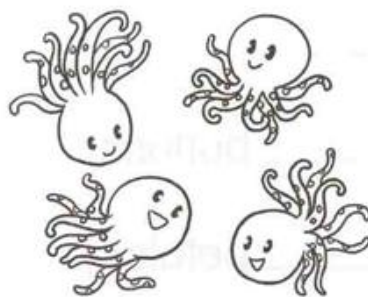
12. Each plant has _____ leaves.



$$5 \times 5 = \underline{\hspace{2cm}}$$

5 plants have _____ leaves.

13. An octopus has _____ arms.



$$4 \times 8 = \underline{\hspace{2cm}}$$

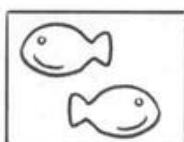
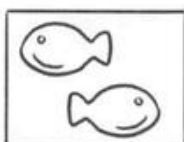
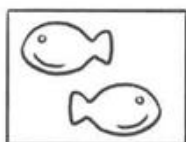
4 octopuses have _____ arms.

Practice 2 Sharing Equally

Look at the pack of fish crackers.

Then fill in the blanks.

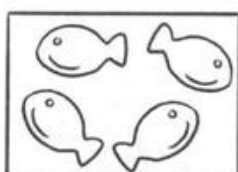
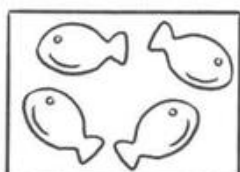
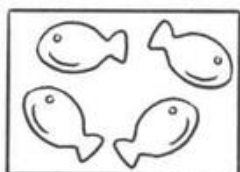
1.



There are _____ fish crackers in all.

How many fish crackers are in each pack? _____

2.



There are _____ fish crackers in all.

How many fish crackers are in each pack? _____

Look at the pictures.
Then fill in the blanks.

3.

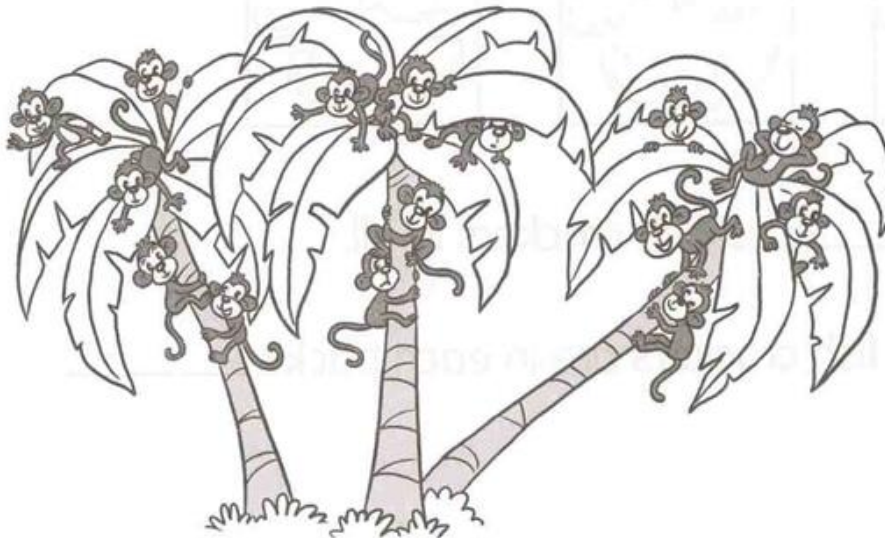


There are _____ mice in all.

There are _____ tubs.

There are _____ mice in each tub.

4.



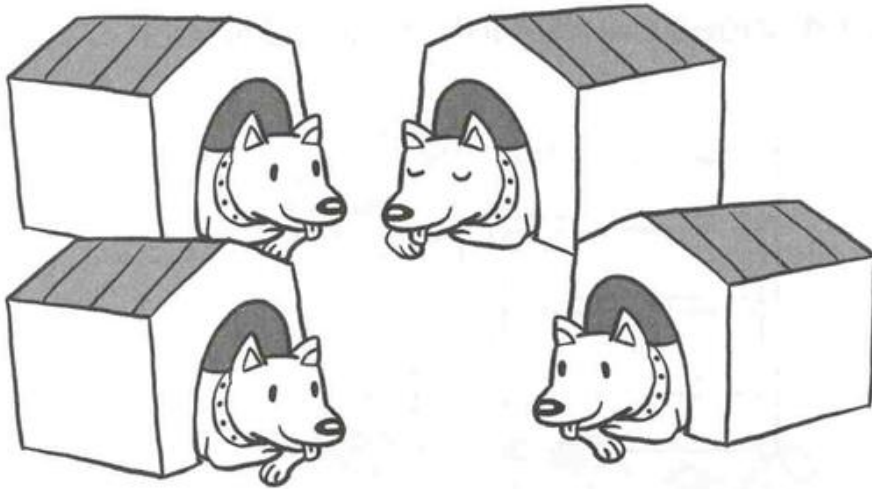
There are _____ monkeys in all.

There are _____ trees.

There are _____ monkeys on each tree.

Look at the pictures.
Then fill in the blanks.

5.

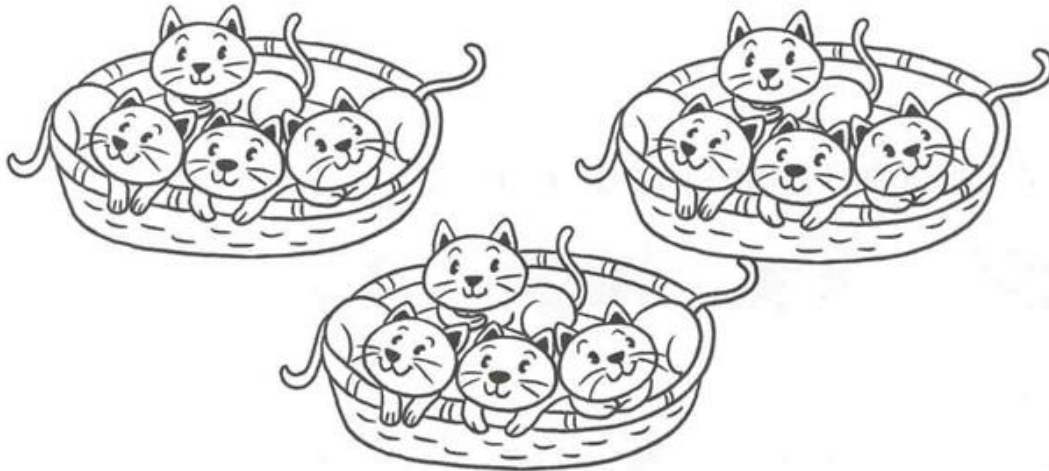


There are _____ dogs in all.

There are _____ dog houses.

There is _____ dog in each dog house.

6.



There are _____ cats in all.

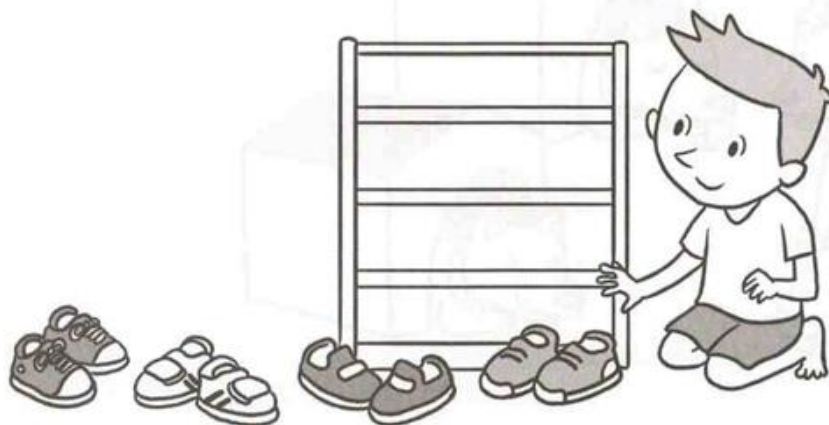
There are _____ baskets.

There are _____ cats in each basket.

Fill in the blanks.

Dylan is cleaning the shoe rack.

He has to put 8 shoes equally into 4 groups.



He puts 1 shoe in each group.



Then he puts 1 more in each group.



Example

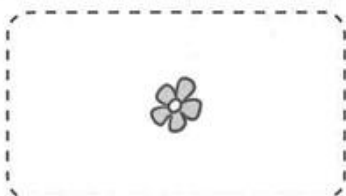
Each group has 2 shoes.

Fill in the blanks.

7. Martin is in the garden.
He has to put 10 flowers
equally into 2 groups.



Martin puts 1 flower in each group.
Help Martin put the rest of the flowers equally in each group.

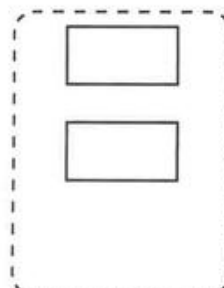
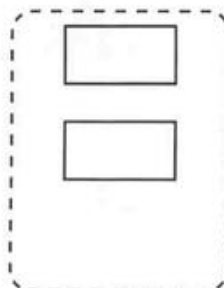
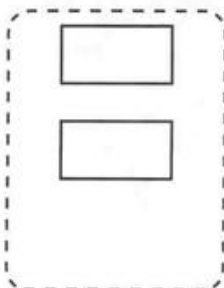
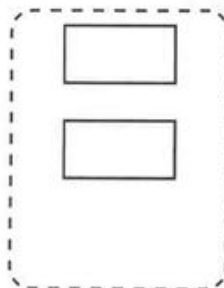
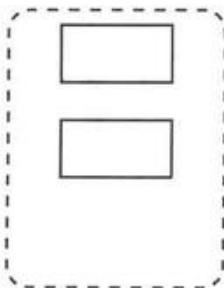


Each group has _____ flowers.

8. Martin is in the library now.
He has to put 15 books
equally into 5 groups.



Martin puts 2 books in each group.
Help Martin put the rest of the books equally in each group.



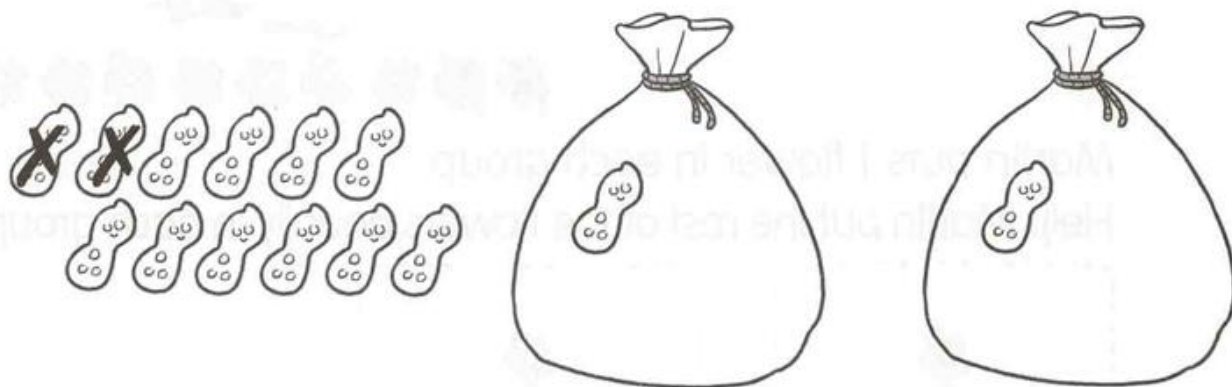
Each group has _____ books.

Draw.

Then fill in the blanks.

9. There are 12 peanuts.

Draw an equal number of peanuts in each bag.

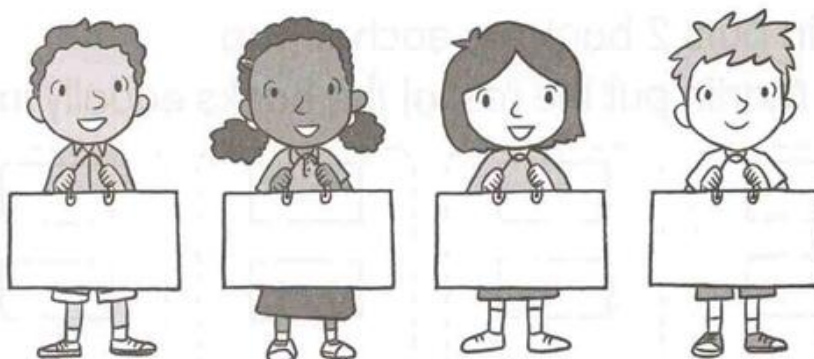


There are _____ in each bag.

10. There are 16 marbles.

They are shared equally by 4 children.

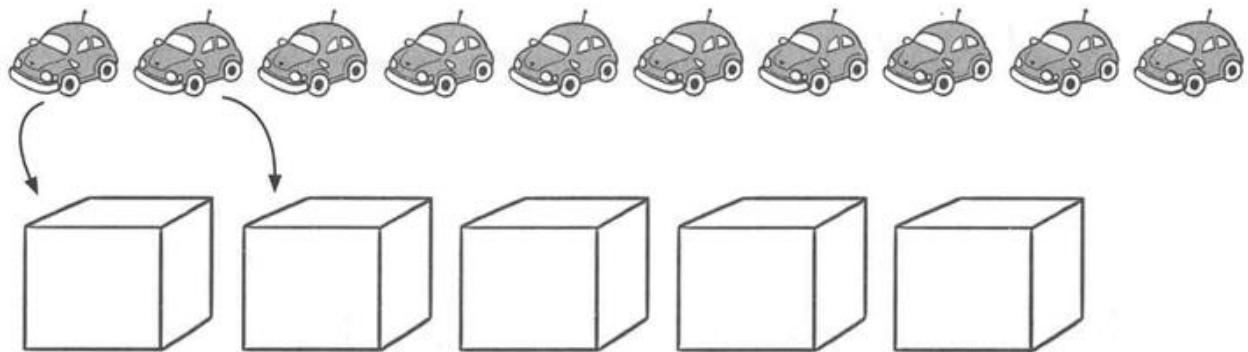
In each bag, draw an equal number of marbles for each child.



Each child gets _____ marbles.

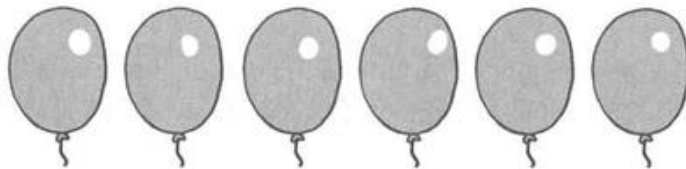
Fill in the blanks.

11. There are 10 toys.
Suki packs them into 5 boxes equally.
How many toys are in each box?



There are _____ toys in each box.

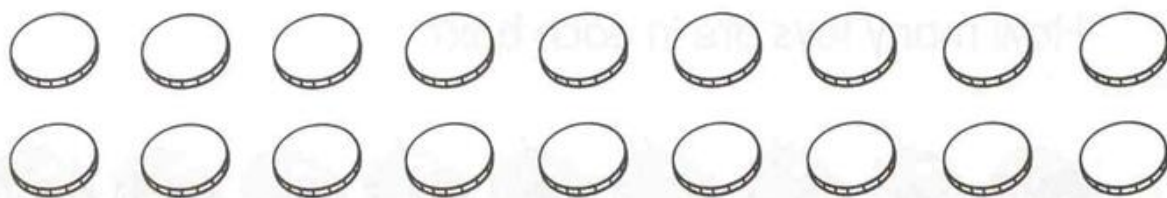
12. There are 6 balloons.
They are shared equally by 3 children.
How many balloons does each child get?



Each child gets _____ balloons.

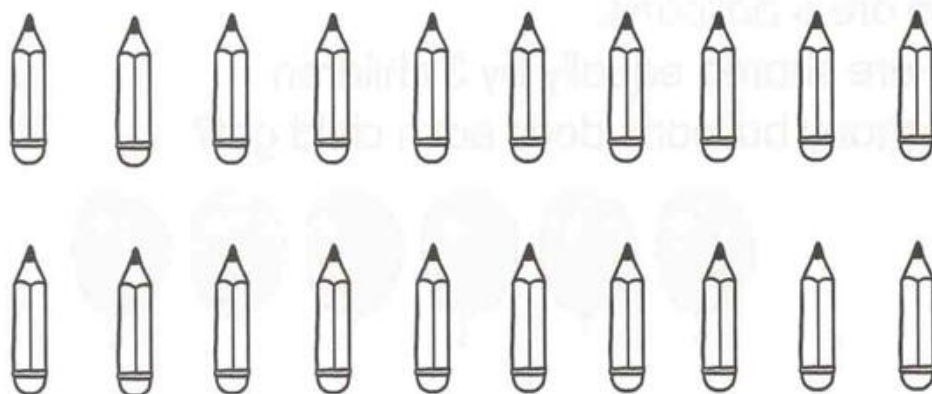
Fill in the blanks.

- 13.** Put 18 coins into 3 equal groups.



There are _____ coins in each group.

- 14.** Put 20 pencils into 5 equal groups.



There are _____ pencils in each group.

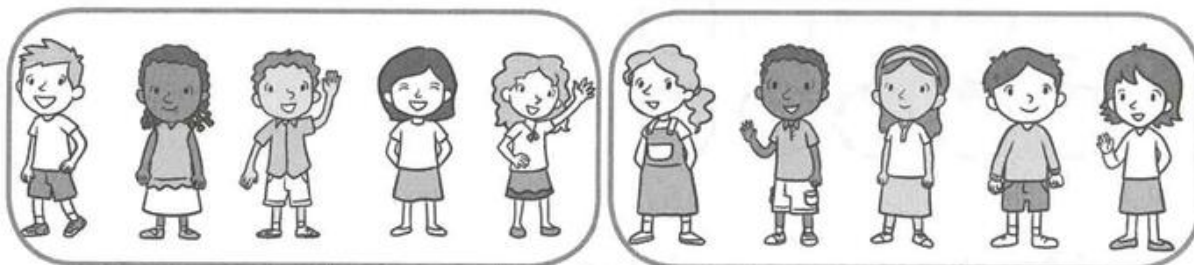
Practice 3 Finding the Number of Groups

Circle.

Then fill in the blanks.

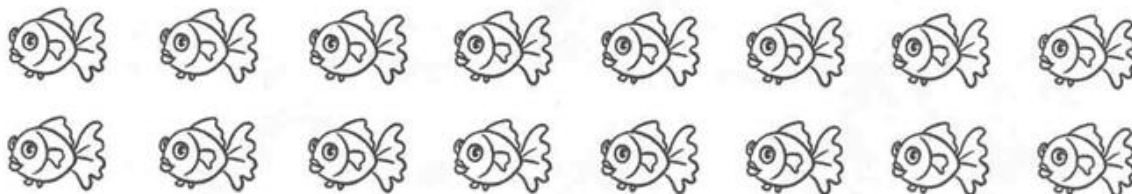
Example

There are 10 children.
Circle groups of 5.



There are 2 groups of 5 children.

1. There are 16 fishes.
Circle groups of 4.

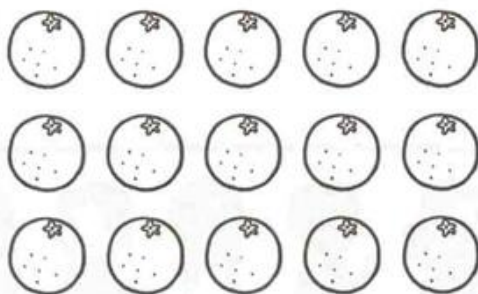


There are _____ groups of 4 fishes.

Circle.

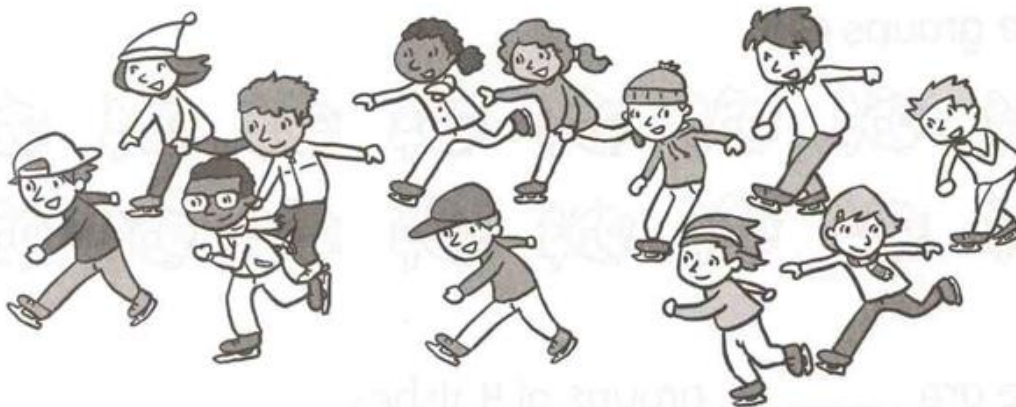
Then fill in the blanks.

2. There are 15 oranges.
Circle groups of 3.



There are _____ groups of 3 oranges.

3. 12 children go skating.
Circle groups of 4.



There are _____ groups of 4 children.

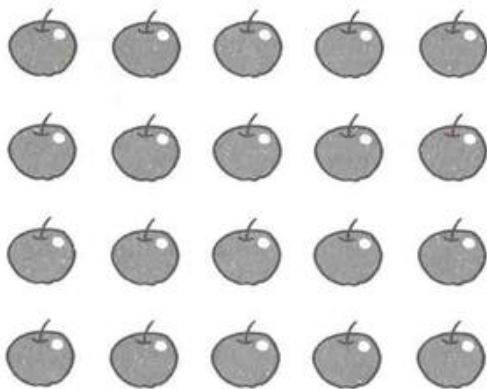
Circle.**Then fill in the blanks.**

4. There are 18 muffins.
Circle the muffins in groups of 3.



There are _____ groups of 3 muffins.

5. There are 20 apples.
Circle the apples in groups of _____.



There are _____ groups of _____ apples.

Read the story.

Then fill in the blanks.

6. There are 10 gloves.
Pa Bear gives 2 gloves to each cub.
How many cubs are there?



There are _____ cubs.

7. There are 12 coins.
Sam puts 4 coins into each coin bank.
How many coin banks are there?



There are _____ coin banks.

Read the story.

Then fill in the blanks.

8. Josh collects stamps.
He has 20 stamps.
He puts 5 stamps on each page of his album.
How many pages does he need?



He needs _____ pages.

9. Mrs. Lim buys 8 peaches to make jelly.
She uses 4 peaches to make a bowl of jelly.
How many bowls of jelly does she make?



She makes _____ bowls of jelly.

- 10.** Mary buys 15 oranges.
She divides them equally into a few boxes.
Each box has 5 oranges.
How many boxes does she use?



She uses _____ boxes.

- 11.** Some squirrels share 20 nuts equally.
Each squirrel gets 2 nuts.
How many squirrels are there?



There are _____ squirrels.



Put On Your Thinking Cap!

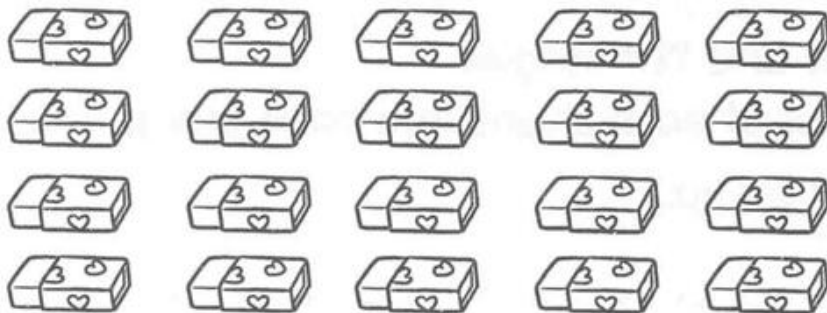


Challenging Practice

Lena collects erasers.

Look at the picture.

Then fill in the blanks.



1. Lena has _____ erasers.
2. She puts the erasers equally into 5 boxes.
How many erasers are in each box? _____
3. She puts the erasers equally into 4 boxes.
How many erasers are in each box? _____
4. She puts 10 erasers into each box.
How many boxes does she need? _____
5. She puts 4 erasers into each box.
How many boxes does she need? _____



Put On Your Thinking Cap!



Problem Solving

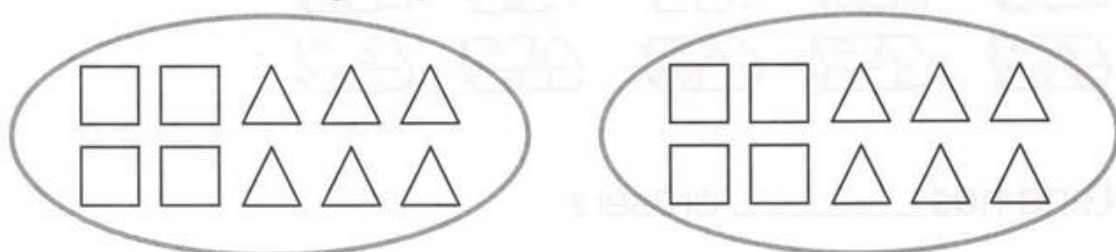
Solve.



There are 8 squares and 12 triangles.

Put an equal number of each shape into each group.

1. Put them into 2 groups.



There are _____  in each group.

There are _____  in each group.

There are _____ shapes in each group.

2. Put them into 4 groups.

There are _____  in each group.

There are _____  in each group.

There are _____ shapes in each group.

Chapter Review/Test

Vocabulary

Choose the correct word.

same
groups

1.



The picture shows equal _____.

2. By adding the _____ number, you will have 9 ★ in all.

Concepts and Skills

Fill in the blanks.

3. $2 + 2 + 2 =$ _____

3 twos = _____

4. $5 + 5 + 5 + 5 =$ _____

4 fives = _____

Match.

5. 5 threes



● 4 fours

$4 + 4 + 4 + 4$



● $3 + 3 + 3 + 3 + 3$

$7 + 7 + 7$



● 7 threes

$3 + 3 + 3 + 3 + 3 + 3 + 3$



● 3 sevens

7 twos



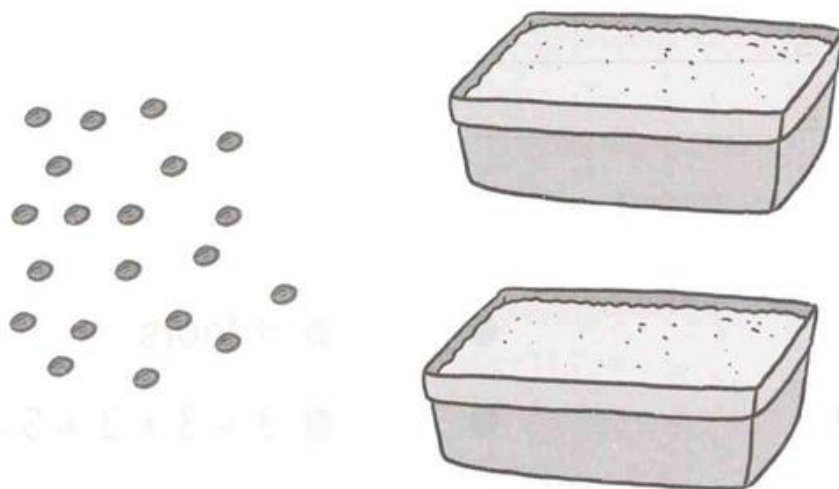
● 14

6. A farmer has 16 chickens.
He puts 8 chickens in a coop.
How many coops does he need?



He needs _____ coops.

7. There are 20 seeds.
Put an equal number of seeds in each pot.



There are _____ seeds in each pot.

CHAPTER
19**Money****Practice 1 Penny, Nickel, and Dime****1. Match.**

penny



nickel



dime

Write the value.

Example



5¢

2.



3.



4.



5.



Complete.

6.

Coin	Value	Name
Five cent	5¢	<i>nickel</i>
Ten cent		
One cent		

Keisha has these coins.



Group the pennies, nickels and dimes.
Then count on to fill in the blanks.

7. There are _____ dimes.
8. There are _____ coins in all.
9. There are _____ fewer dimes than nickels.
10. There are _____ more pennies than dimes.

Find the value.

11. pennies _____
12. nickels _____
13. dimes _____

Find the value.

Example

Skip-count by 5s.

Then count on in 1s.



Count on from the coin with the greatest value.
Count on by 10s for dimes.
Count on by 5s for nickels.
Count on by 1s for pennies.



14.



_____ ¢

15.



_____ ¢

Solve the riddle.

Circle the correct coin.

Example

You need 10 of me
to make a dime.
What am I?



- 16.** I am silver-colored.
You need two of me to
make ten cents.
What am I?



- 17.** Two of me has a
value of 20¢.
What am I?



Find how many of each coin are needed.

Fill in the blanks.

- 18.**  _____ dimes, _____ nickels,
_____ pennies

- 19.**  _____ dimes, _____ nickels,
_____ pennies

Find how many of each coin are needed.
Fill in the blanks.

20.

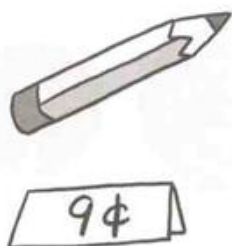


_____ dimes, _____ nickels,
_____ pennies

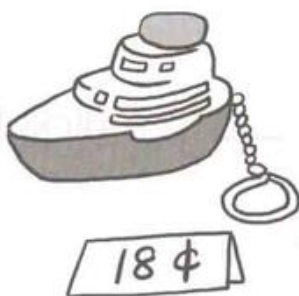
Draw the coins to buy each thing.

Use pennies (1¢), nickels (5¢) and dimes (10¢).

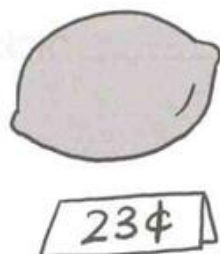
21.



22.



23.



Practice 2 Quarter

Fill in the blanks.

1.



This is a _____.

Its value is _____¢.

Complete.

2.

Exchange 1



for _____ pennies.

3.

Exchange 1



for _____ nickels.

4.

Exchange 1



for _____ pennies.

Circle the coins to show the same value.

5. 1 dime



6. 1 nickel



7. 1 quarter



8. 1 dime



9. 1 quarter



Name: _____

Date: _____

Use pennies (1¢), nickels (5¢), dimes (10¢), and quarters (25¢).

Draw 5 ways to pay.



10.

11.

12.

13.

14.

Draw pennies as (1¢), nickels as (5¢),
dimes as (10¢), and quarters as (25¢).



Circle the coin.

Example

One   has a value of 10¢.

15. One   has a value of 25¢.

16. A   is greater than a nickel.

17. A   is less than a nickel.

18. Two nickels can be exchanged for 1  .

Fill in the blanks.

19. _____ nickels can be exchanged for 1 quarter.

20. _____ pennies can be exchanged for 1 dime.

Practice 3 Counting Money

Count on to find the value.

Example



36 ¢

1.



_____ ¢

2.



_____ ¢

3.



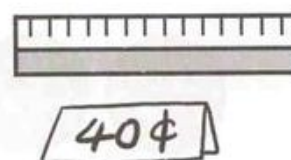
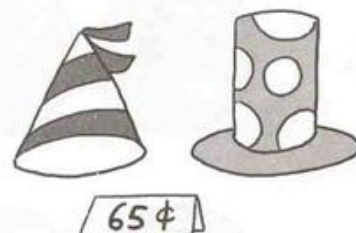
_____ ¢

4.



_____ ¢

5. Match.

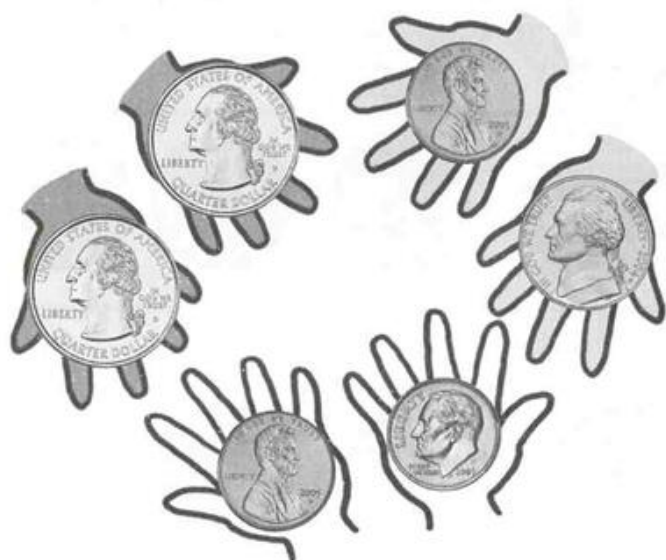


Name: _____

Date: _____

Sort the coins.

Example



6.



7.



Circle the coins you need to buy each thing.

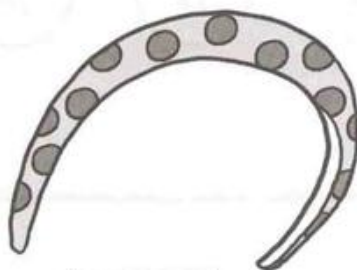
Example



70¢



8.



80¢



9.



60¢



Name: _____

Date: _____

Circle the coins you need to buy each thing.

10.



11.

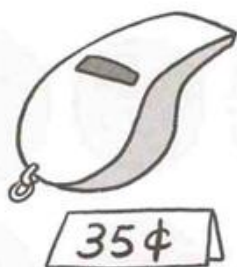


12.



Circle the coins you need to buy each thing.

13.



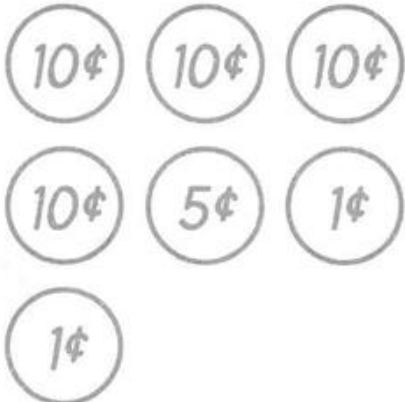
14.



Name: _____

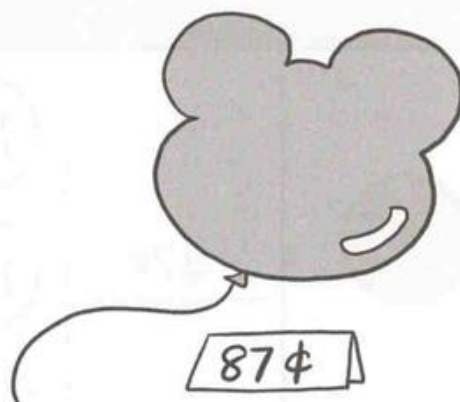
Date: _____

Complete the table.

Coins	Value	Draw coins to show value in another way
Example 	47¢ 	
15. 		
16. 		

Use pennies (1¢), nickels (5¢), dimes (10¢), and quarters (25¢).

Draw 2 ways to pay for the balloon.



17.

18.

Practice 4 Adding and Subtracting Money

Add.

Example



$$40\text{¢} + 50\text{¢} = \underline{90\text{¢}}$$

1.



$$25\text{¢} + 19\text{¢} = \underline{\hspace{2cm}}\text{¢}$$

2.



$$45\text{¢} + 15\text{¢} = \underline{\hspace{2cm}}\text{¢}$$

3.



$$15\text{¢} + 15\text{¢} = \underline{\hspace{2cm}}\text{¢}$$

4.



$$25\text{¢} + 13\text{¢} = \underline{\hspace{2cm}}\text{¢}$$

Add.

Example

$$20\text{¢} + \begin{array}{c} \text{25¢} \\ \text{25¢} \end{array} = 70\text{¢}$$

$$\underline{20\text{¢}} + \underline{50\text{¢}} = \underline{70\text{¢}}$$

5.

50¢ +



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6.

21¢ +



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Name: _____

Date: _____

Add.

7. $8\text{¢} +$



_____ + _____ = _____

8. $17\text{¢} +$



_____ + _____ = _____

9. $13\text{¢} +$



_____ + _____ = _____

10. $6\text{¢} +$



_____ + _____ = _____

11. $38\text{¢} +$



_____ + _____ = _____

The Art Club made cards to sell.



Fill in the blanks.

Example

Neil buys   and  .

$$\underline{20\text{¢}} + \underline{10\text{¢}} = \underline{30\text{¢}}$$

He spends 30¢.

Name: _____

Date: _____

12. Zack buys  and .

_____ + _____ = _____

He spends _____.

13. Tara buys , , , and  .

_____ + _____ + _____ = _____

She spends _____.

14. Kerrie buys , , and .

_____ + _____ + _____ = _____

She spends _____.

15. How much do Zack and Neil spend in all?

_____ + _____ = _____

They spend _____ in all.

Subtract.

16. $55\text{¢} - 20\text{¢} = \underline{\hspace{2cm}}$

17. $45\text{¢} - 15\text{¢} = \underline{\hspace{2cm}}$

18. $60\text{¢} - 5\text{¢} = \underline{\hspace{2cm}}$

19. $99\text{¢} - 35\text{¢} = \underline{\hspace{2cm}}$

Subtract.

Example

50¢ from 60¢

$$\underline{60\text{¢}} - \underline{50\text{¢}} = \underline{10\text{¢}}$$

20. 35¢ from 50¢

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

21. 25¢ from 70¢

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

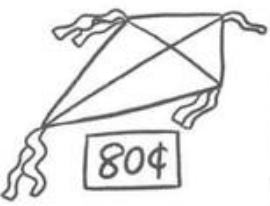
22. 60¢ from 90¢

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

23. 35¢ from 95¢

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

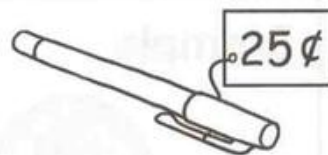
Complete.

	You Have	You Buy	Your Change
	Example 	 stamp	$25¢ - 5¢ = 20¢$
24.		 muffin	
25.		 toy scooter	
26.		 kite	
27.		 whistle	

Solve.

Example

Adam buys a pen and a doll.
How much does he spend in all?



$$25¢ + 69¢ = 94¢$$



Adam spends 94¢ in all.

- 28.** Sherry buys a ball.
She pays with three quarters.
How much change does she get?



She gets _____ in change.

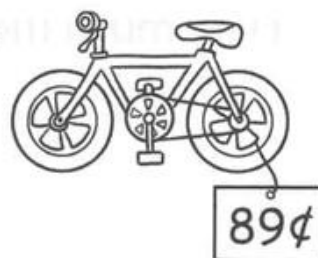
Solve.

- 29.** Keri has 90¢.
She buys a paper bag.
How much does she have left?



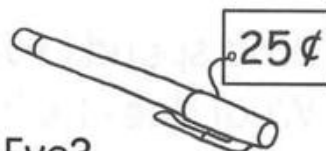
She has _____ left.

- 30.** After buying a toy bicycle, Pat has 9¢ left.
How much did he have at first?



He had _____ at first.

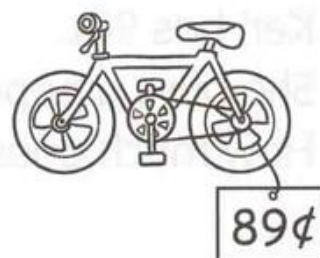
- 31.** Andrew buys a pen.
Eve buys a doll.
How much less does Andrew pay than Eve?



Andrew pays _____ less than Eve.

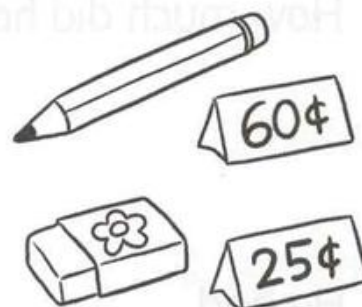
Solve.

- 32.** Derrick has 32¢.
He wants to buy a toy bicycle.
How much more does he need?



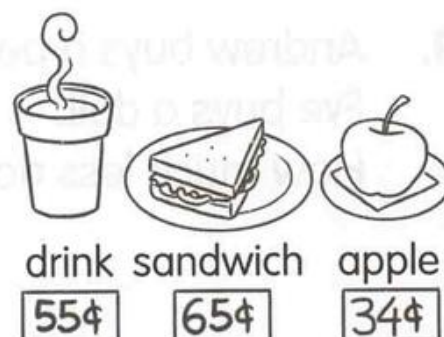
Derrick needs _____ more.

- 33.** How much more is the pencil than the eraser?



The pencil is _____ more
than the eraser.

- 34.** Brad spends 99¢ during break time.
What does he buy?



He buys the _____ and the _____.

Gary and Fina are at the cafeteria.



orange

30¢



crackers

20¢



cereal

50¢



muffin

65¢

Fill in the blanks.

- 35.** Gary buys a bowl of cereal and crackers.

How much does he spend in all? _____

- 36.** Gary uses 50¢ to buy an orange.

How much change does he get? _____

- 37.** Fina uses two quarters to buy an orange.

How much change does she get? _____

- 38.** Gary buys a muffin and has 25¢ left.

How much did he have at first? _____

- 39.** Fina has 3 dimes.

She buys her food and has 10¢ left.

What does she buy? _____



Math Journal

Susan and Marta place all their money on a table.



Write sentences about the money you see.
Say what you can buy with it.

Example

There are eight dimes.

There are _____ coins in all.

I can exchange 2 nickels with _____.

I can buy _____ with 50¢.

1. _____
2. _____
3. _____
4. _____



Put On Your Thinking Cap!



Challenging Practice

Circle the coins to show the amount.

Use the least number of coins.

1.



50¢

2.



46¢

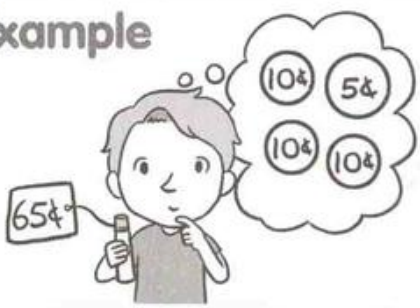
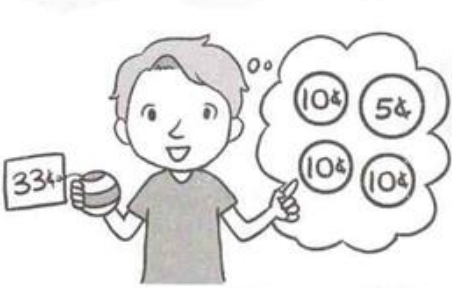
3.



19¢

Solve.

Does Jordan have enough money?

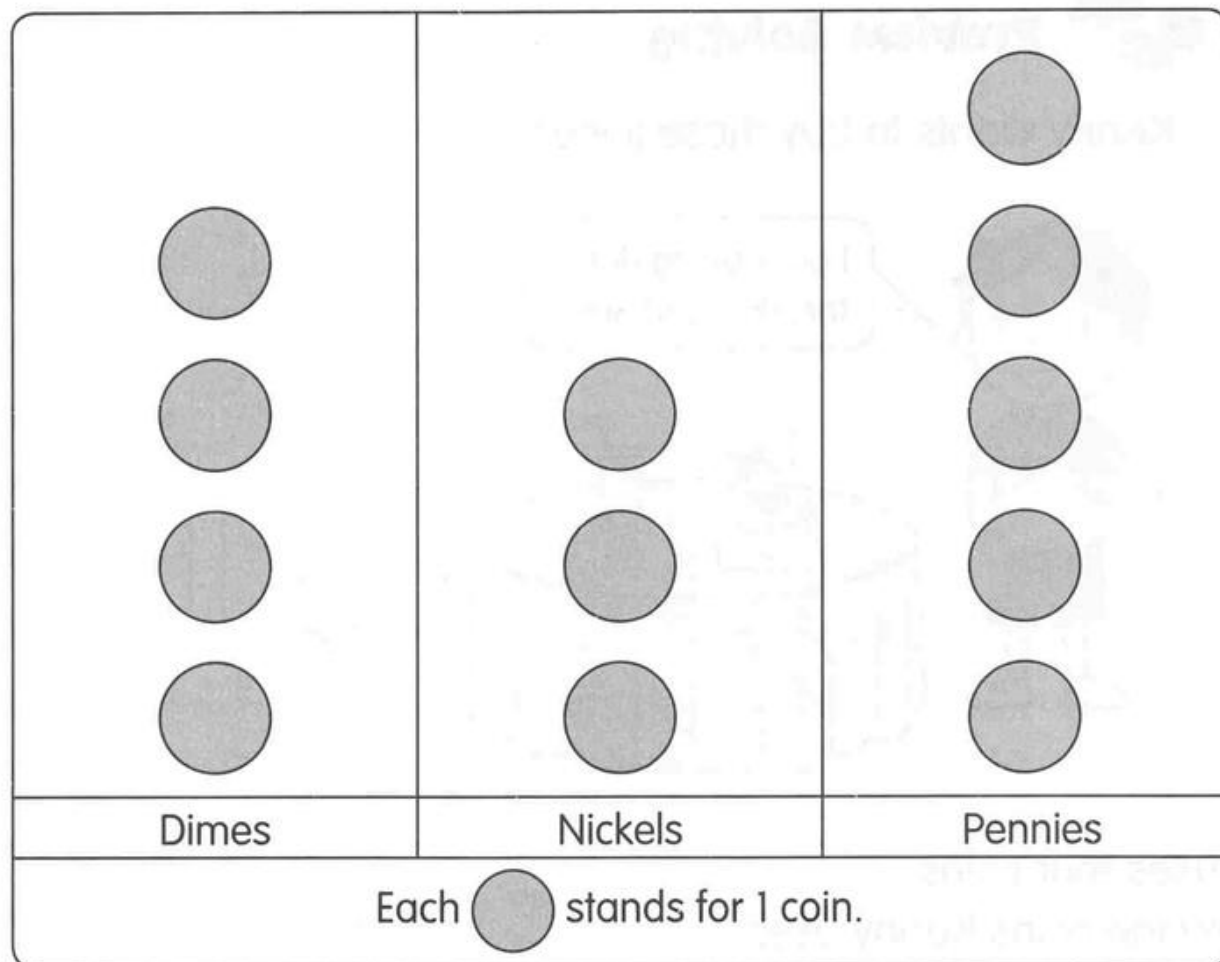
Example  Jordan	☐ Yes. He will get change. ☒ No. He needs <u>30¢</u> more.
4. 	☐ Yes. He will get change. ☐ No. He needs _____ more.
5. 	☐ Yes. He will get change. ☐ No. He needs _____ more.
6. 	☐ Yes. He will get change. ☐ No. He needs _____ more.

Name: _____

Date: _____

The picture graph shows the coins Britney has in her piggy bank.

Coins in Britney's Piggy Bank



Find the value of the coins in Britney's piggy bank.



Put On Your Thinking Cap!

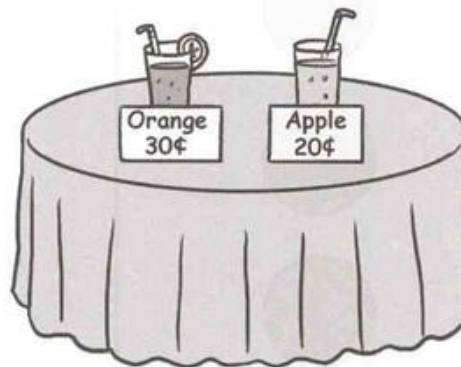


Problem Solving

1. Kenny wants to buy these juices.



I am buying drinks for Alan and Sue.



orange
juice
30¢

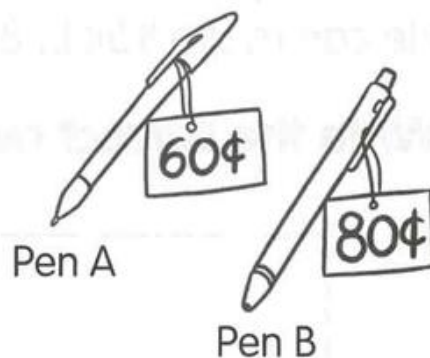
apple
juice
20¢

He uses four coins.

Draw the coins Kenny uses.

Solve.**Show your work.**

2. Brenda has less than 95¢.
After buying a pen, she has 15¢ left.
Which pen does she buy?



She buys _____.

3. Keith has more than 70¢ but less than 90¢.
He buys one of the food items.
He has 12¢ left.
Which food does he buy?



orange
30¢



pear
43¢

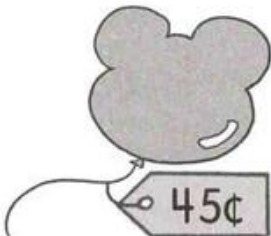


bananas
60¢

He buys the _____.

Rex wants to buy a balloon for 45¢.
 He has quarters, dimes, and nickels.
 He can make 45¢ in 8 ways.

Write the correct number of coins.

			
			
	1	2	0
4.			
5.			
6.			
7.			
8.			
9.			
10.			

The first way is 1
quarter and 2 dimes.



Chapter Review/Test

Vocabulary

Choose the correct word.

1. A _____ has a value of 10¢.
2. A _____ has a value of 25¢.
3. A dime is _____ than a quarter.
4. A nickel is greater than a _____.
5. 2 _____ have a value of 10¢.

quarter

less

penny

dime

nickels

Concepts and Skills

Identify each coin.

6.



7.



8.



9.



Fill in the blanks.

10.

1 quarter

_____ dimes, _____ nickel

11.

1 dime

_____ nickels, _____ pennies

Count the money.

12.



is _____¢.

13.



is _____¢.

Add or subtract.

14. $80¢ + 15¢ =$ _____

15. $38¢ - 19¢ =$ _____

Problem Solving Solve.

16. Zack has 64¢. He buys a pencil for 25¢.
How much does he have left?

He has _____ left.

17. Wendy buys a notebook for 52¢,
a bun for 19¢, and a drink for 23¢.
How much does she spend?

She spends _____.

Cumulative Review

for Chapters 18 and 19

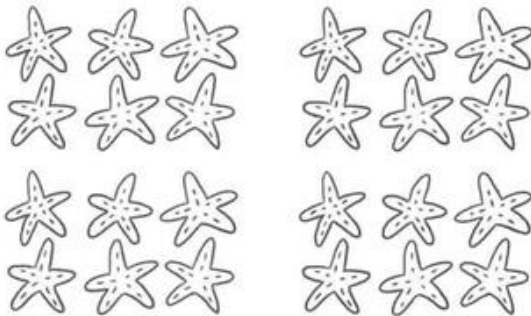
Concepts and Skills

Count the number of groups.

Count the number in each group.

Then fill in the blanks.

1.

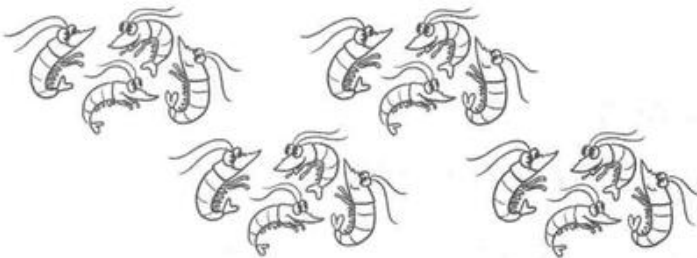


$$6 + 6 + 6 + 6 = \underline{\hspace{2cm}}$$

$$4 \text{ sixes} = \underline{\hspace{2cm}}$$

There are _____ starfishes in all.

2.



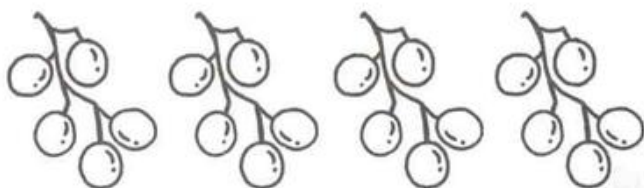
$$4 + 4 + 4 + 4 = \underline{\hspace{2cm}}$$

$$4 \text{ fours} = \underline{\hspace{2cm}}$$

There are _____ shrimps in all.

Look at the pictures.
Then fill in the blanks.

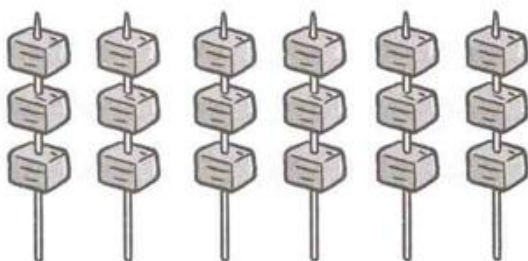
3.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$\underline{\hspace{2cm}}$ fives = $\underline{\hspace{2cm}}$

4.



There are $\underline{\hspace{2cm}}$ pineapple cubes in all.

There are $\underline{\hspace{2cm}}$ sticks.

There are $\underline{\hspace{2cm}}$ pineapple cubes in each stick.

Solve.

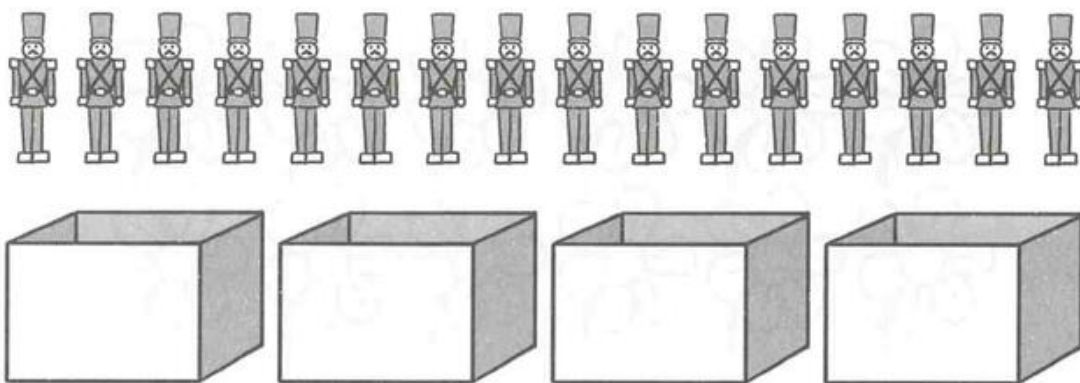
5. There are 12 sandwiches.
They are shared equally by 3 children.



Each child gets $\underline{\hspace{2cm}}$ sandwiches.

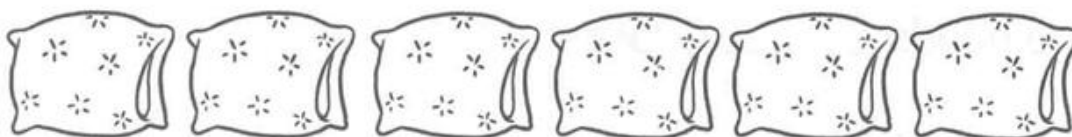
Solve.

6. There are 16 toy soldiers.
Jamal packs them equally into 4 boxes.



There are _____ toy soldiers in each box.

7. Timmy puts 6 pillows equally into 3 groups.



Each group has _____ pillows.

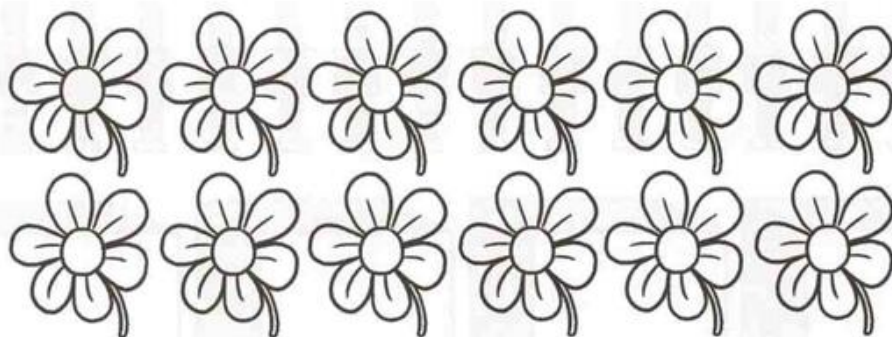
8. There are 9 oranges.
Circle groups of 3.



There are _____ groups of 3.

Look at the pictures.
Then fill in the blanks.

Maria has 12 flowers.



9. She puts the flowers equally into 3 vases.

There are _____ flowers in each vase.

10. She puts 2 flowers in each vase.

She needs _____ vases.

11. She puts 4 flowers in each vase.

She needs _____ vases.

Write the value.

12.



13.



Fill in the blanks.

14. Find how many of each coin are needed.



17¢

_____ dimes _____ nickels

_____ pennies

15. 1 quarter = _____ nickels

**Circle the coins to show the same value.**

16. 1 quarter

**Circle the coins that are *not* dimes.**

- 17.



Count on to find the value.

18.



Add.

19.



$$25¢ + 17¢ = \text{_____} ¢$$

Complete.

20.



$$45¢ - 15¢ = \text{_____} ¢$$

21. Subtract 18¢ from 90¢

$$\text{_____} - \text{_____} = \text{_____} ¢$$

Problem Solving

Solve.

22. Draw the least number of coins needed to make 64¢.

End-of-Year Review

Test Prep

Multiple Choice

Fill in the circle next to the correct answer.

- Which month has less than 31 days?
(A) January (B) March (C) April (D) October
- Nina works from Wednesday to the following Monday.
How many days does she work?
(A) 5 (B) 6 (C) 7 (D) 8
- _____ is the season that comes after Spring.
(A) Summer (B) Hot (C) Winter (D) Fall
- The _____ has a value of 5¢.
(A)  penny (B)  dime (C)  quarter (D)  nickel
- What is the value of the coins?
   
  

- (A) 7¢ (B) 19¢ (C) 29¢ (D) 34¢

6. This is the money Shari has.



She buys a red ribbon for 15¢.
How much money does she have left?

- (A) 43¢ (B) 53¢ (C) 50¢ (D) 87¢
7. $55¢ + 12¢ = ?$
- (A) 35¢ (B) 53¢ (C) 67¢ (D) 75¢
8. The third Friday in July is July 17.
What will the fourth Friday be?
- (A) July 24 (B) July 22 (C) July 15 (D) August 1
9. 65 comes just before _____.
- (A) 55 (B) 64 (C) 66 (D) 75

10.



3 tens and 6 ones is the same as _____.

- (A) 8 (B) 11 (C) 36 (D) 83

11.

Look at the number pattern.

Which number comes next?

28, 31, 34, 37, 40 _____

- (A) 31 (B) 41 (C) 43 (D) 50

12.

10 more than 65 is _____.

- (A) 55 (B) 56 (C) 85 (D) 75

13.

Add 16 to 57.

- (A) 13 (B) 63 (C) 73 (D) 83

14.

Find the missing number.

_____ 15, 25, 35, 45

- (A) 0 (B) 5 (C) 10 (D) 55

15. Subtract.

$$\begin{array}{r} 45 \\ -36 \\ \hline \end{array}$$

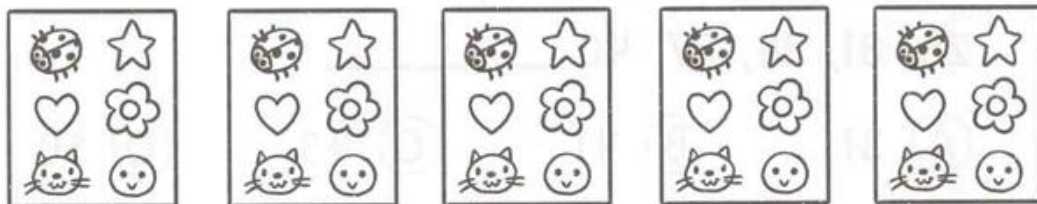
- (A) 9 (B) 11 (C) 19 (D) 81

16. Add mentally.

$$15 + 24 = \underline{\hspace{2cm}}$$

- (A) 7 (B) 13 (C) 39 (D) 35

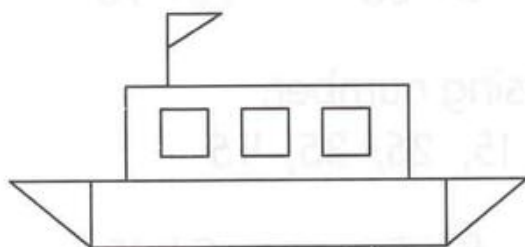
- 17.



There are _____ stickers in all.

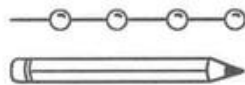
- (A) 6 (B) 12 (C) 24 (D) 30

18. There are _____ squares in the figure.



- (A) 3 (B) 4 (C) 5 (D) 6

19.



The pencil is about _____ —○ long.

(A) 8

(B) 2

(C) 6

(D) 4

Short Answer

Write the number in words.

20. 11 _____

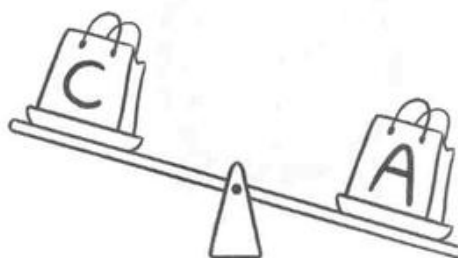
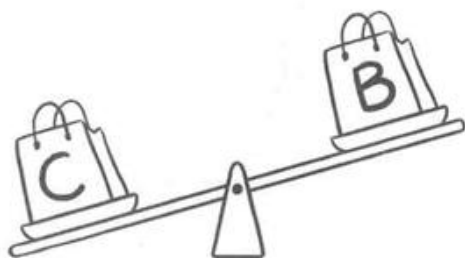
21. 87 _____

Write the number.

22. fifty-four _____

23. twenty-six _____

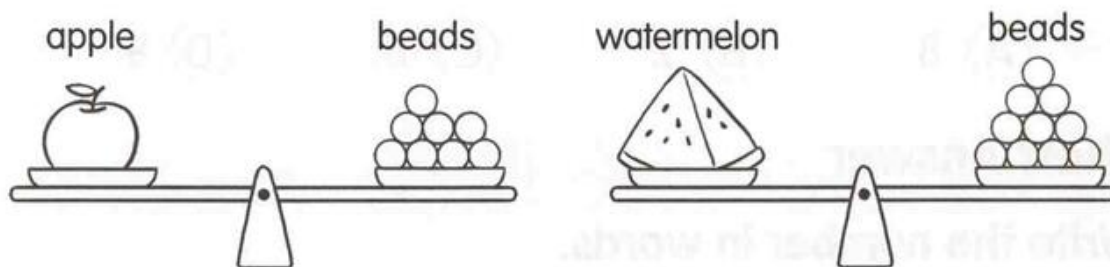
Look at the pictures.
Then fill in the blanks.



24. Order the bags from lightest to heaviest.

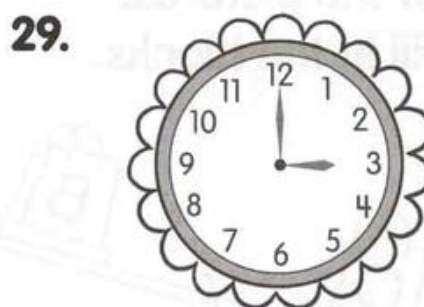
_____ _____ _____
lightest

Look at the picture.
Then fill in the blanks.
Use ○ as 1 unit.



25. The weight of the apple is about _____ units.
26. The weight of the watermelon is about _____ units.
27. The _____ is heavier than the _____.

Look at each picture.
Then write the time.



- 30.** Look at the picture.
Then write the number in words.



- 31.** Order the numbers from greatest to least.

75	41	18	29
----	----	----	----

_____, _____, _____, _____
greatest

Circle the two numbers that add up to 4 tens and 4 ones.

- 32.** 24 27 51 30 17

Add the 2nd and 5th numbers.

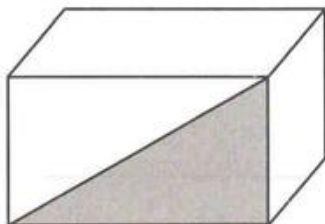
33.

37	20	19	62	45	83	51
1st						

- 34.** Subtract 6 tens 4 ones
from 8 tens 2 ones.

Name the shape that is shaded.

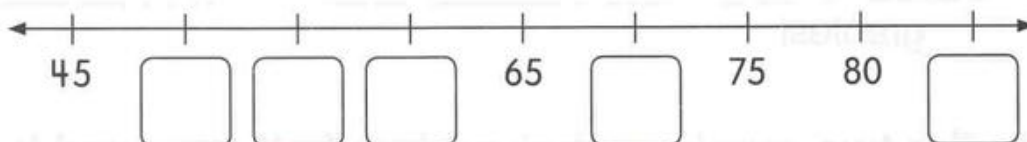
35.



Look at the number line.

Fill in the missing numbers.

36.

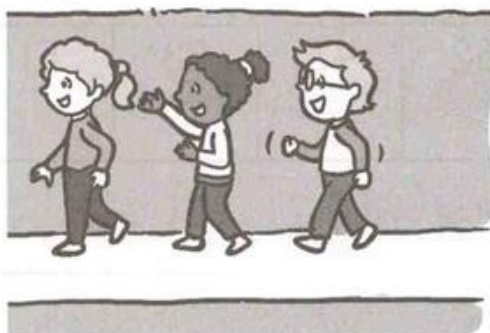


Look at the picture.

Circle the correct word.

37.

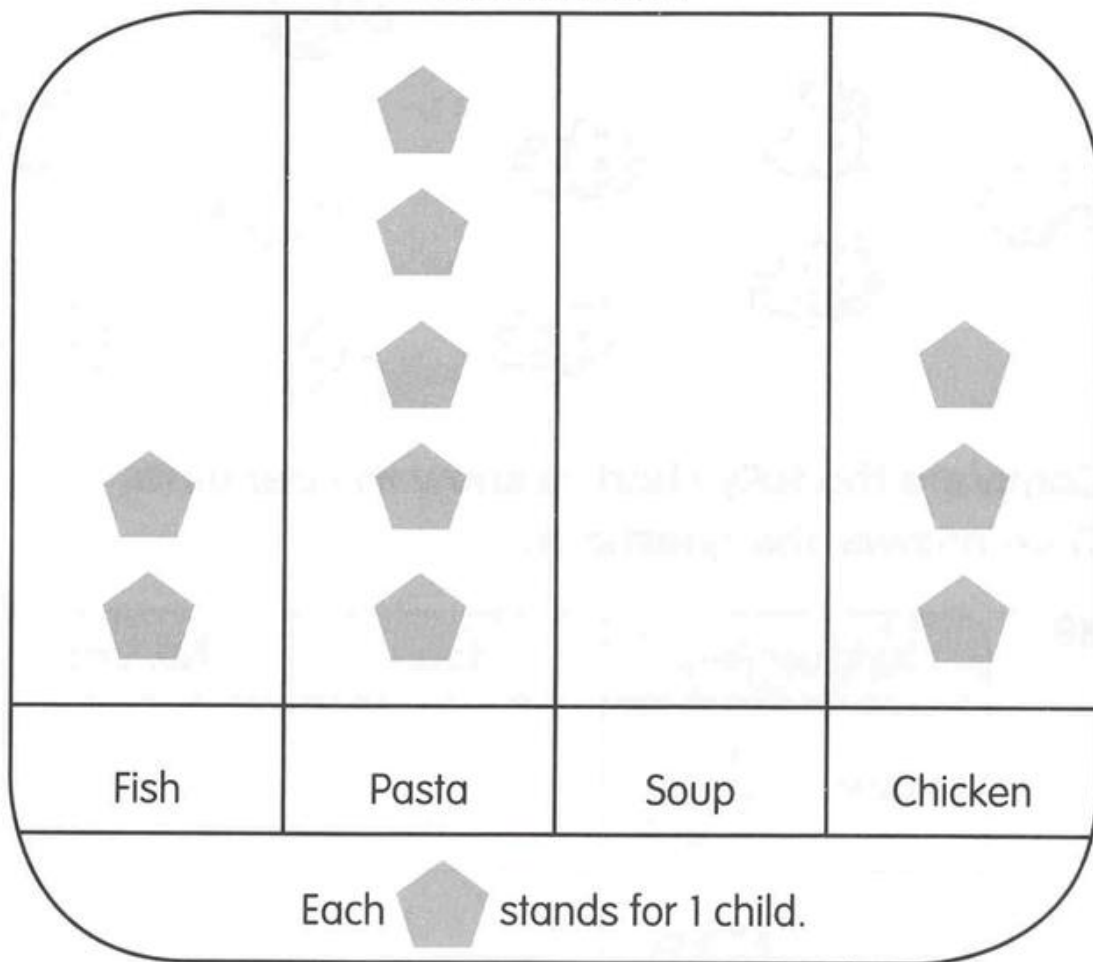
Liz Anita Ethan



- a.** Liz is first last from the left.
- b.** Ethan is in front of behind Anita.

Extended Response

The picture graph shows the favorite food of 12 children.

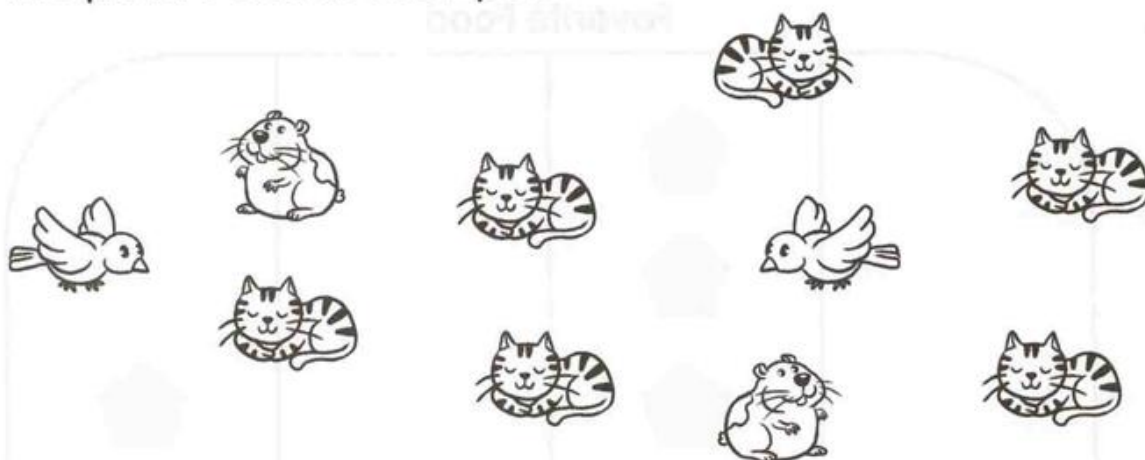
38.**Favorite Food****Solve.**

- a.** The same number of children named fish and soup as their favorite food.

Draw  to show the number of children who like soup.

- b.** _____ is the favorite food for the most children.

Ten families live on the same street.
Every family has one pet.
The picture shows their pets.



**Complete the tally chart to show the pet data.
Then answer the questions.**

39.

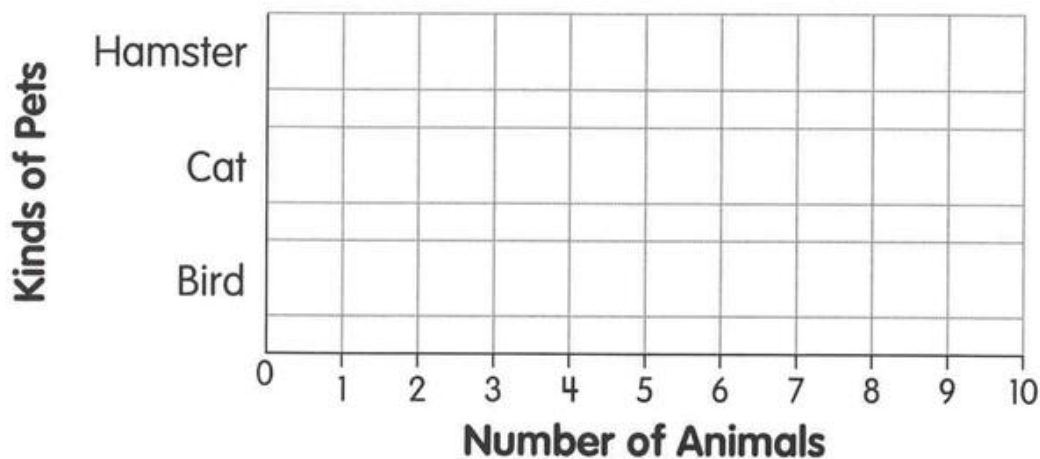
Kinds of Pets	Tally	Number
Hamster 		
Cat 		
Bird 		

- a. How many pets are there in all? _____
- b. Which pet has the greatest number? _____

Make a bar graph using the data from the tally chart.

c.

Pets



Solve.

- 40.** Sam has 32 marbles
 He puts all the marbles in bags.
 He puts 4 marbles in each bag.
 How many bags does he use?



He uses _____ bags.

Make a bar graph using the data from the tally chart.



Solve.

50. Sam has 32 marbles. He puts all the marbles in bags. He puts 4 marbles in each bag. How many bags does he use?



THE DATA _____ 2000

BLANK