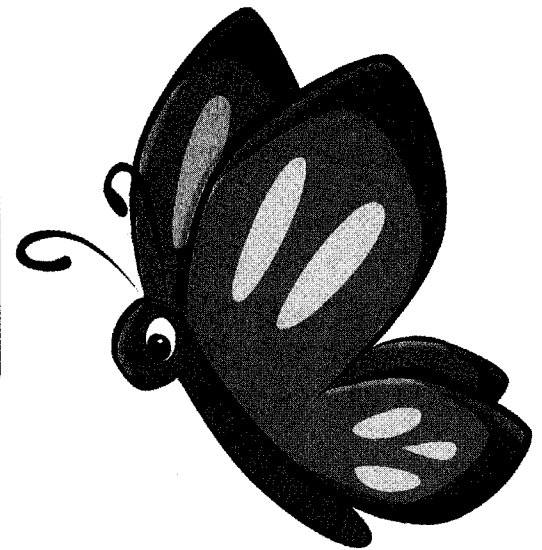


Addition Clue Words

Some clue words tell you to **add**. These clue words are: **in all**, **altogether**, **sum**, and **total**. There are **6** steps to follow when solving all word problems.

1. Read the problem carefully.
2. Look for clue words and underline them.
3. Decide what you must do.
4. Write the number sentence.
5. Solve the problem.
6. Write a complete sentence that includes the answer.



Sara saw **23** butterflies when she was walking in the field. When she stopped to rest, she saw **10** grasshoppers. How many insects did she see **altogether**?

The number sentence:

$$\begin{array}{r} 23 \\ + 10 \\ \hline 33 \end{array}$$

The answer:

Sara saw **33** insects altogether.

Underline the word or words that give you the clue to **add**. Then use the **6** steps to solve the word problem.

1. While hiking in the woods, Calvin picked up **34** rocks. He then spotted **12** new rocks and picked them up also. What is the total number of rocks that Calvin found?
2. Yesterday Jamie saw **14** birds in her yard. Today she saw **39** birds in her yard. How many birds did she see in all?



Addition Word Problems

Underline the word or words that give you the clue to **add**. Solve the problem. Remember to follow the **6** steps.

1. Stephanie had **25** dolls in her collection. She received **11** more for her birthday. What is the total number of dolls Stephanie has in her collection?

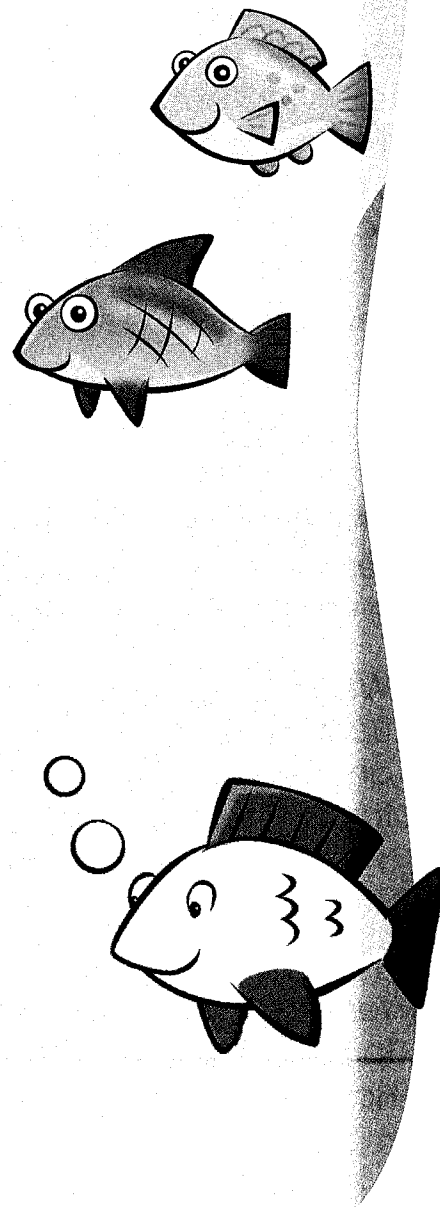
2. Dalton had **31** baseball cards. His dad gave him **22** more. How many baseball cards does he have in all?

3. Andy counted **64** dandelions. Beth counted **26** violets. What is the sum of the flowers they counted?

4. Adam found **91** small twigs and **29** larger twigs for the campfire. How many twigs did he find altogether?

5. In her week of camping, Krista saw **15** chipmunks run for the safety of their homes. She also saw **15** squirrels climb into the trees. How many animals did Krista see in all?

6. Alesha caught **52** fish. Yumiko caught **39** fish. What is the total number of fish they caught?



Subtraction Clue Words

Some clue words tell you to **subtract**. These clue words are: **how many more**, **how many are left**, and **difference**. The same **6** steps you used for addition can also be used for subtraction problems.

1. Read the problem carefully.
2. Look for clue words and underline them.
3. Decide what you must do.
4. Write the number sentence.
5. Solve the problem.
6. Write a complete sentence that includes the answer.

Steve played **12** games with his baseball team. His team will be playing **57** games this season. **How many more** games will Steve need to play to complete the season?



The number sentence:

$$\begin{array}{r} 57 \\ - 12 \\ \hline 45 \end{array}$$

The answer:

Steve needs to play **45** more games to complete the season.

Underline the word or words that give you the clue to **subtract**. Then use the **6** steps to solve the word problems.

1. Chelsea threw the ball **29** feet. Meagan threw the ball **27** feet. What was the difference between their throws in feet?
2. Yesterday John kicked the soccer ball **68** times during the game. Today he kicked the ball **49** times. How many more times did he kick the ball yesterday?



Subtraction Word Problems



Underline the word or words that give you the clue to **subtract**. Then use the **6** steps to help you solve the word problems.

1. Sue delivered **46** newspapers. Tom delivered **35** newspapers. How many more newspapers did Sue deliver?
2. Jennifer sold **72** candy bars. Patti sold **56** candy bars. How many more candy bars did Jennifer sell?
3. Kim wants to do **75** cartwheels. She has already done **16** cartwheels. How many cartwheels are left for Kim to do?
4. Eric ran the race in **43** seconds. Scott ran the race in **46** seconds. What was the difference between their times in seconds?
5. Elliot wants to hit the tennis ball against the wall **100** times. He has hit the ball against the wall **66** times. How many hits are left for him to do?

Add or Subtract

On this page you will need to decide whether to **add** or **subtract**. Remember the **6** steps.

1. Read the problem carefully.
2. Look for clue words and underline them.
3. Decide what you must do.
4. Write the number sentence.
5. Solve the problem.
6. Write a complete sentence that includes the answer.



There are **178** sixth grade students and **106** fifth grade students. How many more sixth grade students are there?

What to do:

subtract

The answer:

There are **72** more sixth grade students.

Underline the word or words that give you the clue to **add** or **subtract**. Then use the **6** steps to solve the word problem.

1. In our school there are **328** girls and **297** boys. How many children are there in our school altogether?

What to do: _____

2. The class painted **10** pictures on Monday and **13** pictures on Tuesday. How many more pictures did they paint on Tuesday?

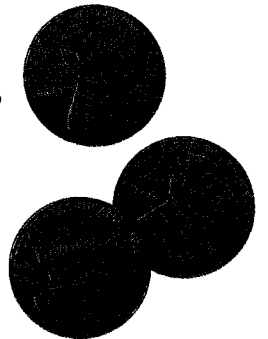
What to do: _____

3. Jessica brought **45** pennies to school and Sam brought **25** pennies to school. How many pennies did they bring in all?

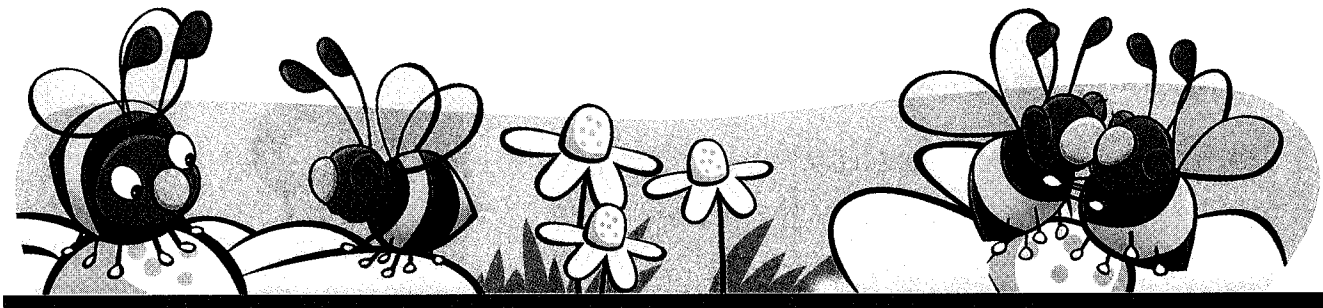
What to do: _____

4. Miss Bracken had **160** pieces of chalk. She broke **73** of them. How many pieces were left unbroken?

What to do: _____

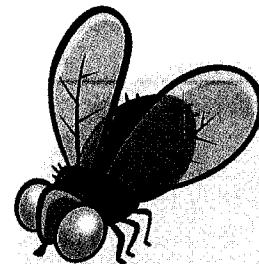
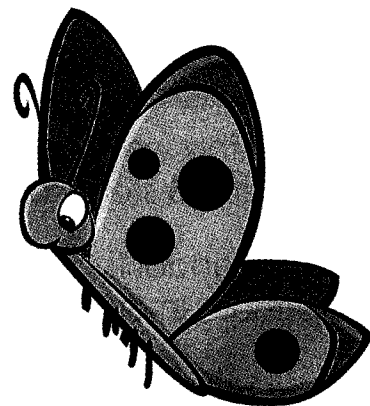


Addition & Subtraction Problems



Write the number sentence. Solve the problem.

1. There were **16** spotted butterflies in the field. They were joined by **18** plain butterflies. What is the sum of the butterflies in the field?
2. There are **15** spiders on the porch. If **10** of those spiders leave the porch, how many spiders will be left?
3. There are **98** grasshoppers in the grass. There are also **65** beetles in the grass. How many more grasshoppers are there?
4. There were **120** brown ants and **92** black ants marching down the ant hill. How many more brown ants were there?
5. There are **127** big flies buzzing around the pond. Also buzzing are **112** little flies. How many flies are there altogether?
6. There are **25** bees and **13** hornets flying near the bush. How many insects are there in all?



Addition & Subtraction Problems

When adding money, keep the decimal point in line.

Jacob bought a pencil for **\$0.92**. He also bought an eraser for **\$0.37**. How much money did he spend altogether?



$$\begin{array}{r} \$0.92 \\ + \$0.37 \\ \hline \$1.29 \end{array}$$

The answer:

He spent **\$1.29** altogether.

Write the number sentence. Solve the problem.

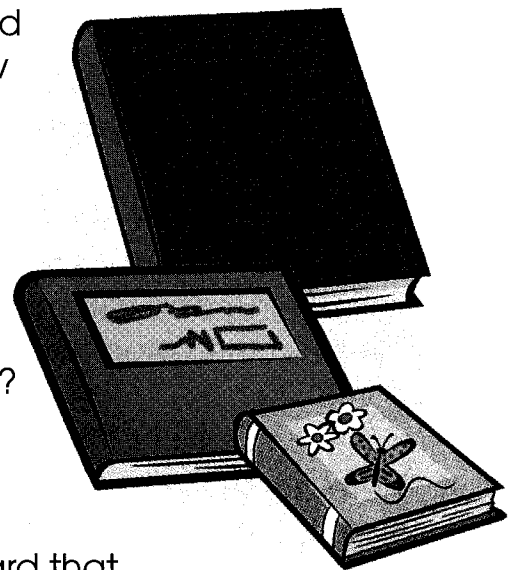
1. Molly bought a box of cat food for **\$1.64**. She then went to the candy store and bought some gum for **\$0.35**. How much money did she spend in all?

2. Mandi bought a book that cost **\$5.00**. Her friend Justin bought a used book that cost **\$0.25**. How much more did Mandi spend?

3. Jaric saw a bottle of shampoo that cost **\$1.72**. He also saw conditioner that cost **\$1.18**. If he purchased both items, what would the sum be?

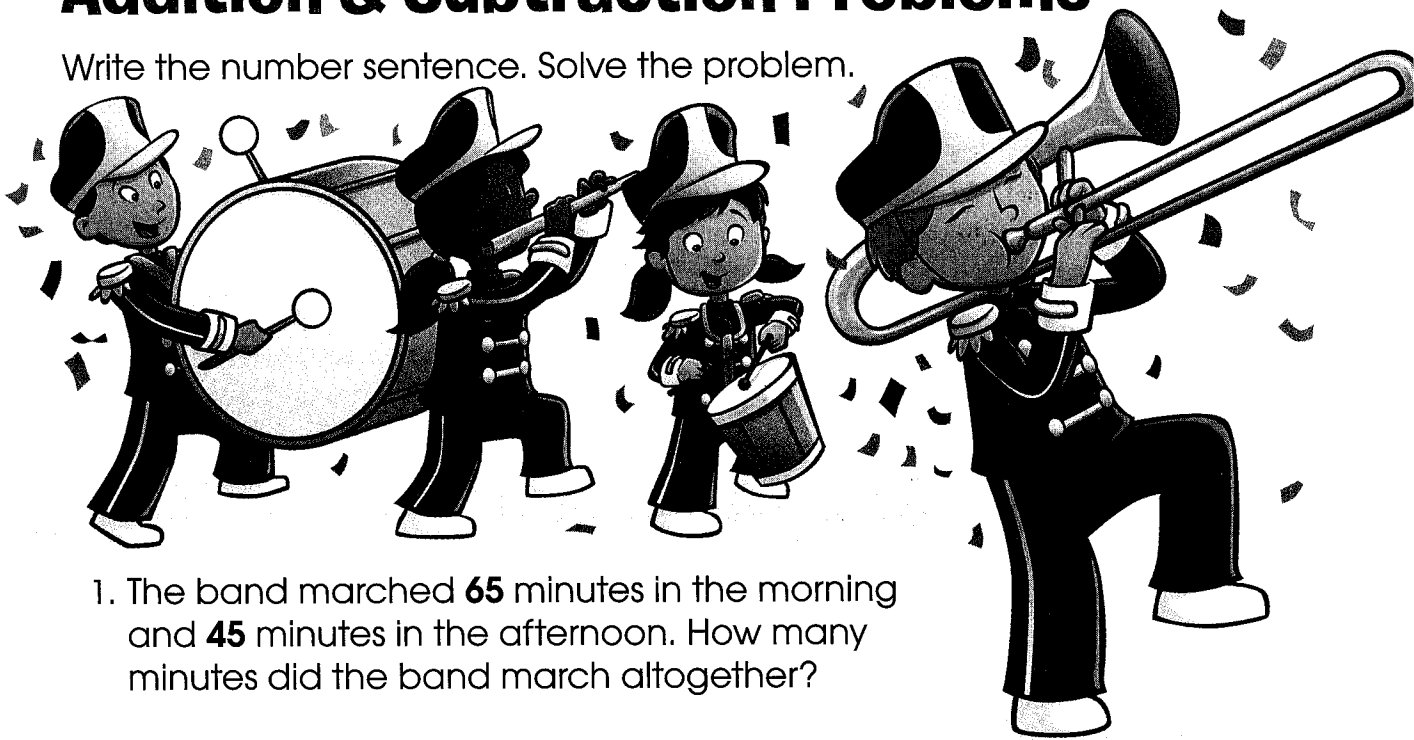
4. At a garage sale, Nancy bought a baseball card that cost **\$3.01**. She also purchased a ring for **\$0.45**. How much money did she spend in all?

5. Lauren bought some beads for **\$2.60**. She later bought some string for **\$0.55**. How much more money did she spend on the beads?

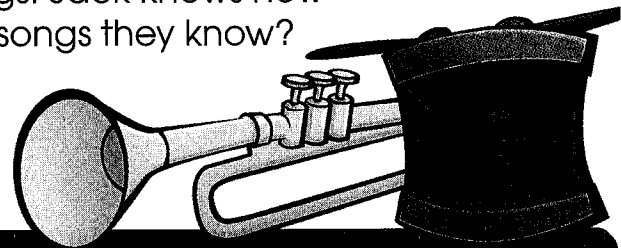


Addition & Subtraction Problems

Write the number sentence. Solve the problem.



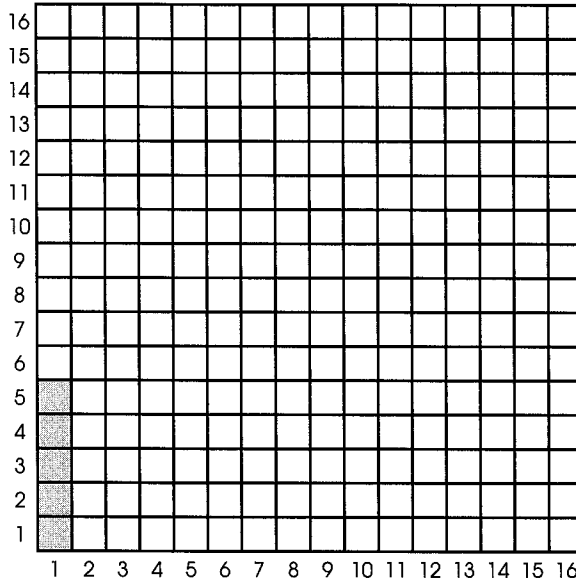
1. The band marched **65** minutes in the morning and **45** minutes in the afternoon. How many minutes did the band march altogether?
2. The band has **25** tubas and **19** trombones. How many more tubas does the band have?
3. The band went on a field trip. It traveled **275** miles going and **280** miles returning. How many miles did the band travel in all?
4. There are **29** flutes in the band and **20** drums. What is the difference in number between these instruments?
5. There are **125** people in the band. There are only **65** uniforms. How many more uniforms are needed?
6. Jill knows how to play **26** marching songs. Jack knows how to play **32**. What is the total number of songs they know?



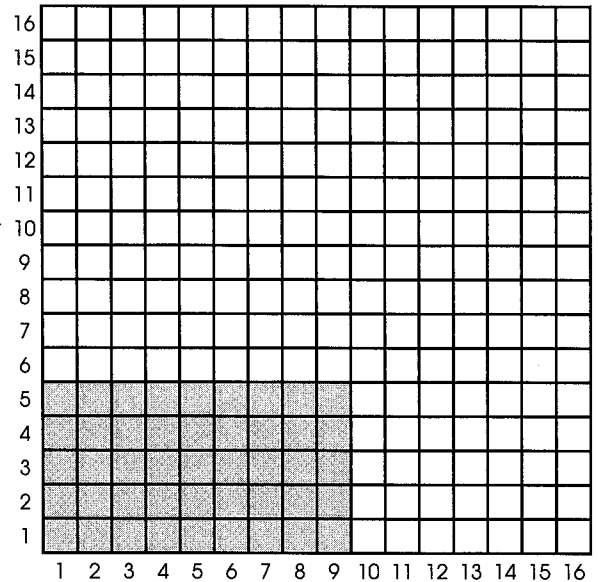
Drawing Multiplication Word Problems

It is sometimes helpful to draw a picture of the information given to you in word problems. Using a graph will help you to organize and keep your information accurate. Here is an example:

Miss Halt stopped **5** rows of cars.



There were **9** cars in each row.

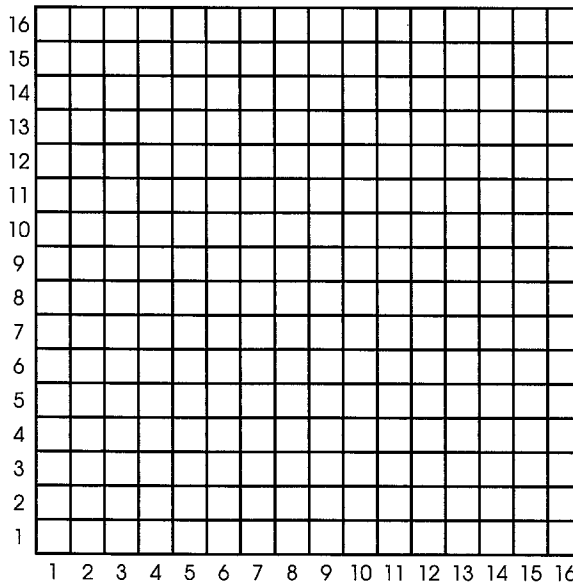


How many cars did Miss Halt stop?

Count all of the colored boxes in the final drawing. The answer will be **45**.

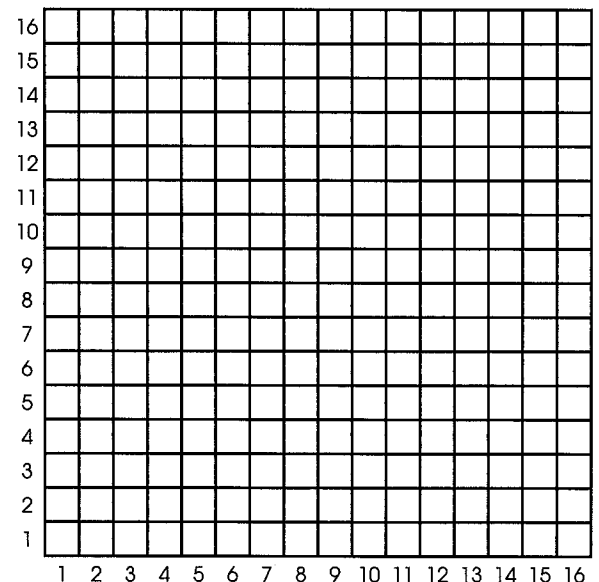
Read and solve each problem using the drawing method shown above.

1. Miss Halt helps about **15** people across the street each week.



How many people does she help in **4** weeks? _____

2. Suppose Miss Halt gave **12** tickets in a day.

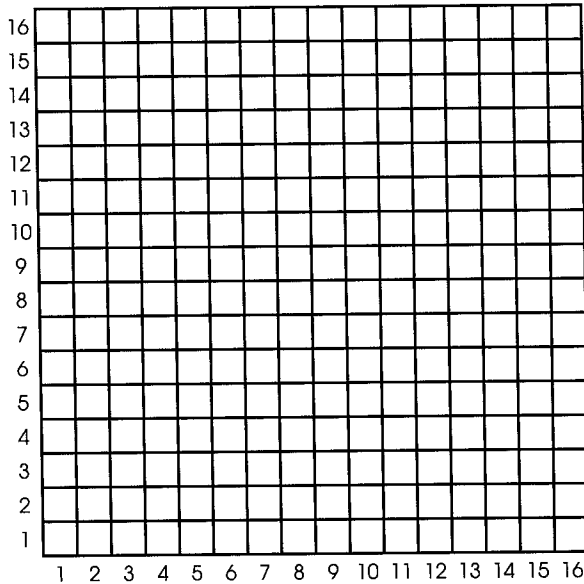


If she did this for **6** days, how many tickets would she give? _____

Drawing Multiplication Word Problems

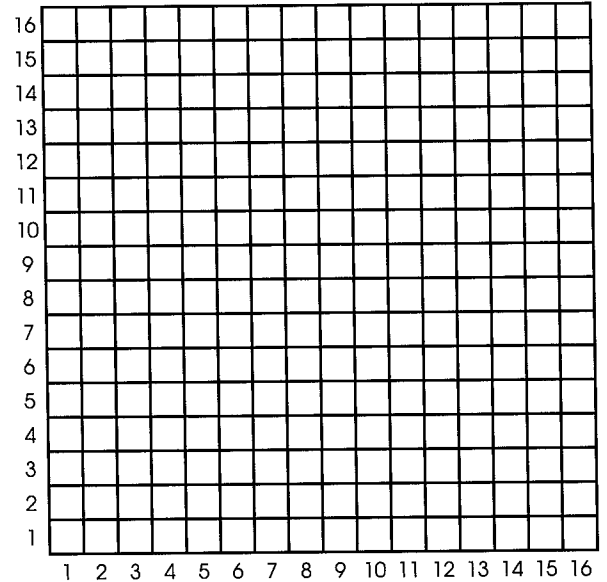
Read and solve each problem using the drawing method shown on page 9.

1. Miss Halt practiced directing traffic. She practiced for **7** hours a day. She practiced for **11** days.



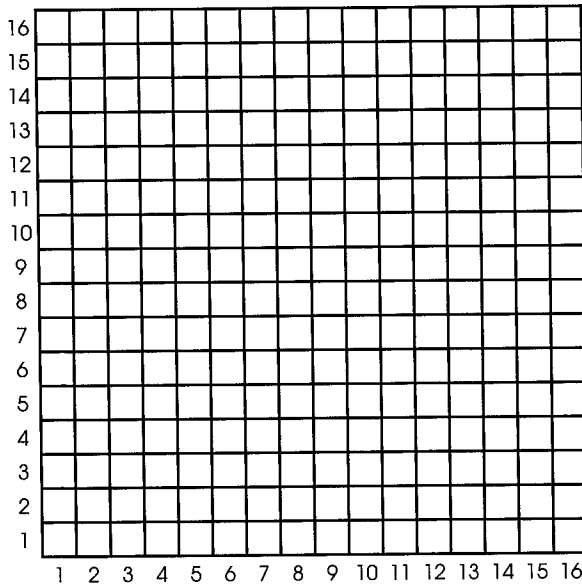
How many hours did she practice?

2. Miss Halt has **10** boxes. In each box she has **10** whistles.



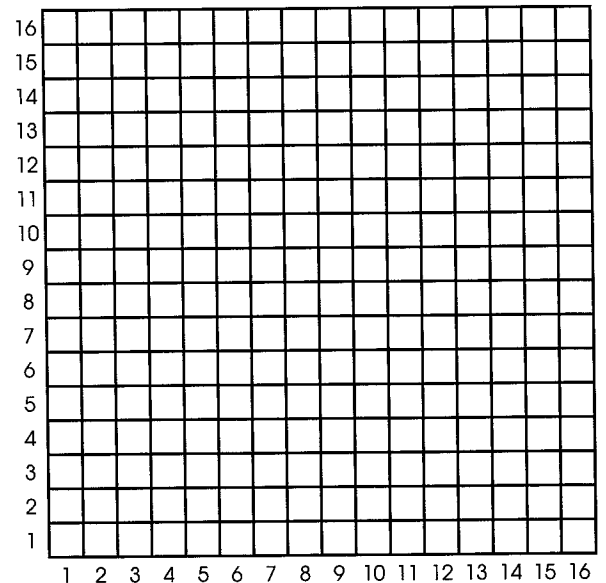
How many whistles does she have?

3. Miss Halt blew her whistle **12** times in one day. Let's say she blew it that many times for **3** days.



How many times would she blow her whistle? _____

4. Miss Halt gave directions to **14** people. Each person asked **5** questions.



How many questions were asked?

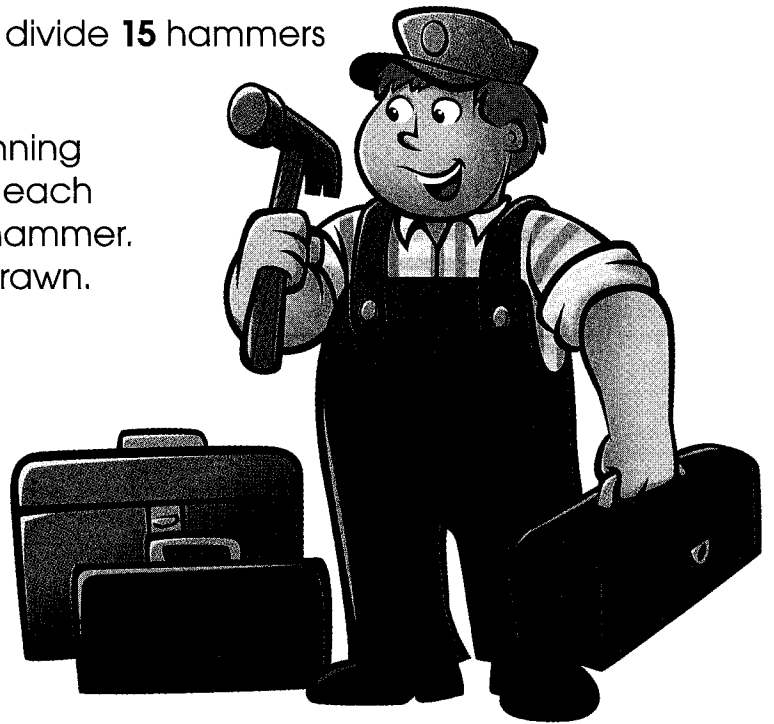
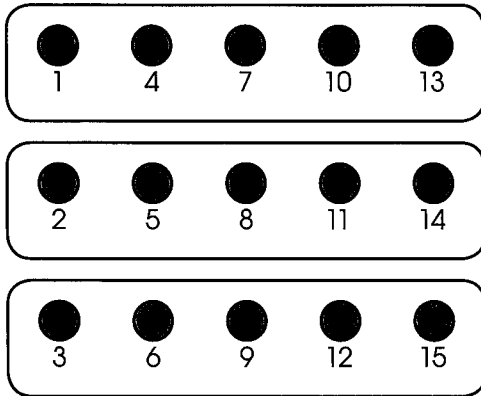


Drawing Division Word Problems

It is sometimes helpful to draw a picture of the information given to you in word problems. Here is another example:

Carl has **3** toolboxes. He needs to divide **15** hammers equally into all his toolboxes.

First draw **3** toolboxes. Then, beginning with the first box, draw one dot in each box. Each dot will represent one hammer. Repeat until all **15** hammers are drawn.



How many hammers will he place in each box?

Count the number of dots that were drawn in one box. The answer will be **5**.

Read and solve each problem using the drawing method shown above.

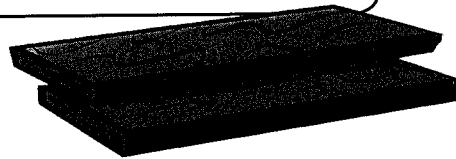
1. There are **4** construction workers. There are a total of **32** nails. How many nails does each worker get in order to have an equal amount of nails? _____

2. There are **8** construction workers. They have **56** screwdrivers. How many screwdrivers will each worker get in order to have an equal amount of screwdrivers? _____

Drawing Division Word Problems

Read and solve each problem using the drawing method shown on page 11.

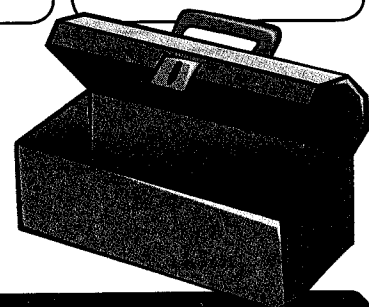
1. There are **4** trucks. There are **32** pieces of wood. How many pieces of wood would be placed into each truck so that each truck has an equal amount of wood?



2. There are **7** toolboxes. There are **49** saws. How many saws will be in each box in order to have an equal amount in each box?

3. There were **8** people with drills. There were **48** holes drilled into the wall. Each person drilled an equal number of holes. How many holes did each person drill?

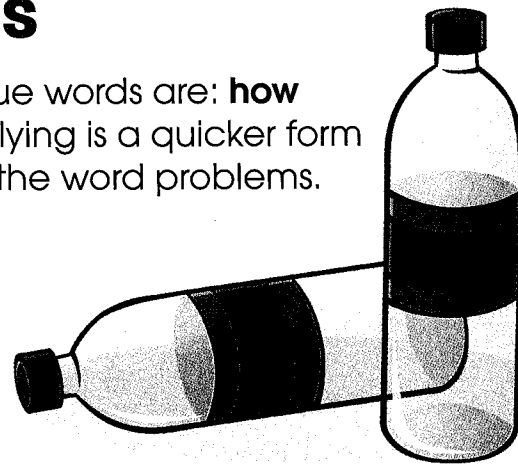
4. There were **6** toolboxes. There were **42** wrenches. Each toolbox contained an equal number of wrenches. How many wrenches were in each box?



Multiplication Clue Words

Some clue words tell you to **multiply**. These clue words are: **how many** and **how much**. Remember that multiplying is a quicker form of addition. Use the **6** steps to help you solve the word problems.

There were **15** people ready to begin the race. Each person had **2** water bottles at the finish line. **How many** water bottles were there at the finish line?



The number sentence:

$$\begin{array}{r} 15 \\ \times 2 \\ \hline 30 \end{array}$$

The answer:

There were **30** water bottles at the finish line.

Underline the clue words that tell you to **multiply**. Then solve the word problem.

1. There are **7** swimmers waiting for their finishing ribbons. Each swimmer will receive **3** ribbons. How many finishing ribbons are there altogether?
2. Amy trained for **5** hours every day to get ready for her big game. She trained for **30** days. How much time, in hours, did she spend training?
3. There were **72** bikers at the start of the race. Each biker had **1** helmet. How many helmets were there?



Multiplication Word Problems

Underline the clue words that tell you to **multiply**.
Then solve the word problem.

1. There were **16** golfers from each school at the tournament. **5** schools participated. How many golfers were there altogether?
2. Dana drove his snowmobile **37** miles a day for **8** days. How many miles did he drive in all?
3. Curtis trained for **39** days to get ready for the race. He drank **8** glasses of water every day that he trained. How many glasses of water did Curtis drink throughout his training?
4. There were **8** rows of bikers. There were **6** bikers in each row. How many bikers were there altogether?
5. There were **96** swimmers waiting to race. Each swimmer brought **4** friends to watch the race. How many friends were there at the race?



More Multiplication Word Problems

Write the number sentence. Then solve the word problem.

1. There were **57** skaters at the start of the race. Each skater had **2** knee pads. How many knee pads were there?

2. Keli practiced for **19** days to prepare for her dance recital. Every day she practiced for **3** hours. How many hours did she practice in all?

3. Daniel has **3** cases to hold his toy planes. Each case holds **18** planes. How many planes can Daniel store in his cases?

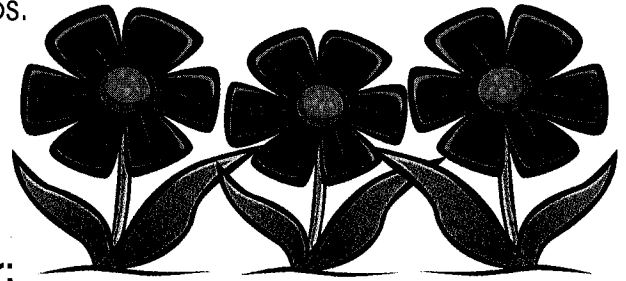
4. Nadia's classroom has **12** rows of chairs. Each row has **5** chairs. How many chairs are in Nadia's classroom?



Division Clue Words

Some clue words mean to **divide**. These clue words are: **how many** and **each**. To solve each word problem use the **6** steps.

Kim planted **27** flowers. In **each** row there were **9** flowers. **How many** rows of flowers were there?



The number sentence:

$$9 \overline{) 27} \quad 3$$

The answer:

There were **3** rows of flowers.

Underline the clue words that tell you to **divide**. Solve the problems.

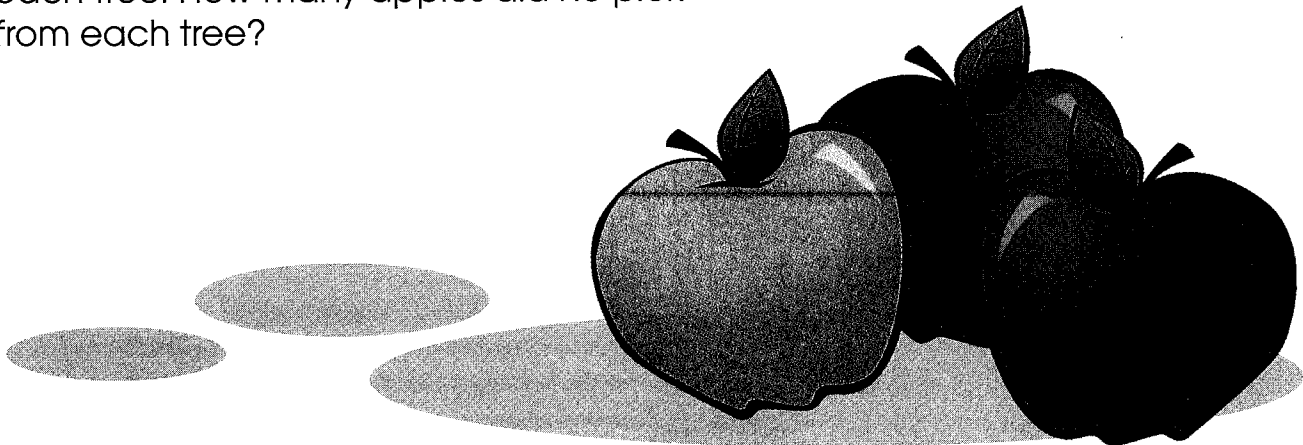
1. Alesha planted **7** rows of carrots in her garden. Later, she pulled up the same number of carrots from each row. She counted **56** carrots. How many carrots did she pull from each row?
2. Scott and Brad had **48** flowers. They put **6** flowers in each vase. How many vases did they have?
3. Amy and John planted **30** rose bushes in **10** rows. Each row had the same number of bushes. How many rose bushes were in each row?



Division Word Problems

Underline the word or words that give you the clue to **divide**.
Solve the problems.

1. Jory had **56** pieces of candy. If he put **8** pieces into each bag, how many bags would he have?
2. Jamal planted **20** rows of onions in his garden. He pulled the same number of onions from each row. He counted **100** onions. How many onions did he pull from each row?
3. James was planting pine trees for his parents' tree farm. He planted **81** trees. There were **9** trees in each row. How many rows were there?
4. Margie has **45** plants in the tray she bought. The tray is divided into **9** rows. How many plants are in each row?
5. George picked **63** apples from **7** trees. He picked the same number of apples from each tree. How many apples did he pick from each tree?



More Division Word Problems

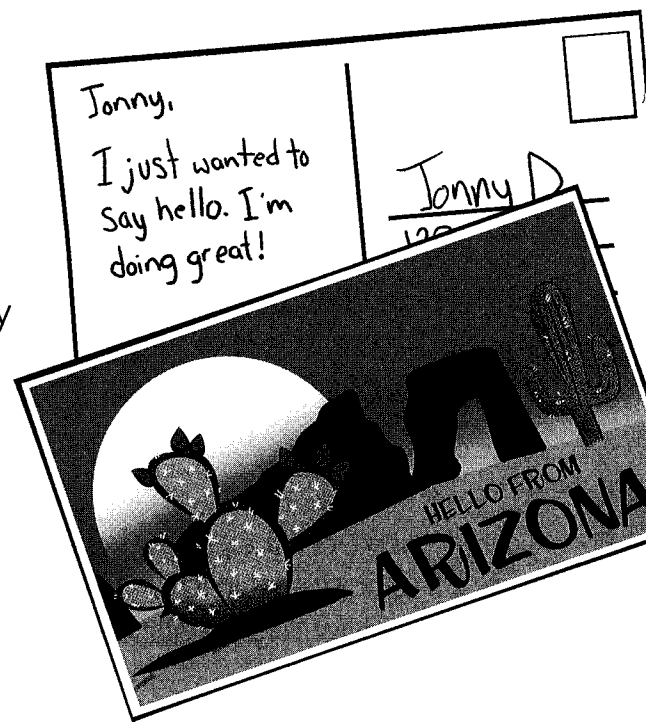
Write the number sentence. Then solve the word problem.

1. Katlin had **30** dolls. She divided them equally between herself and four friends while playing. How many dolls did each of the **5** girls have?

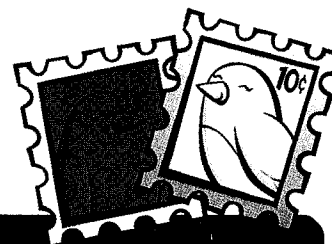


2. Jason swam **81** laps over a **9**-day period. If he swam the same distance every day, how many laps did he swim each day?

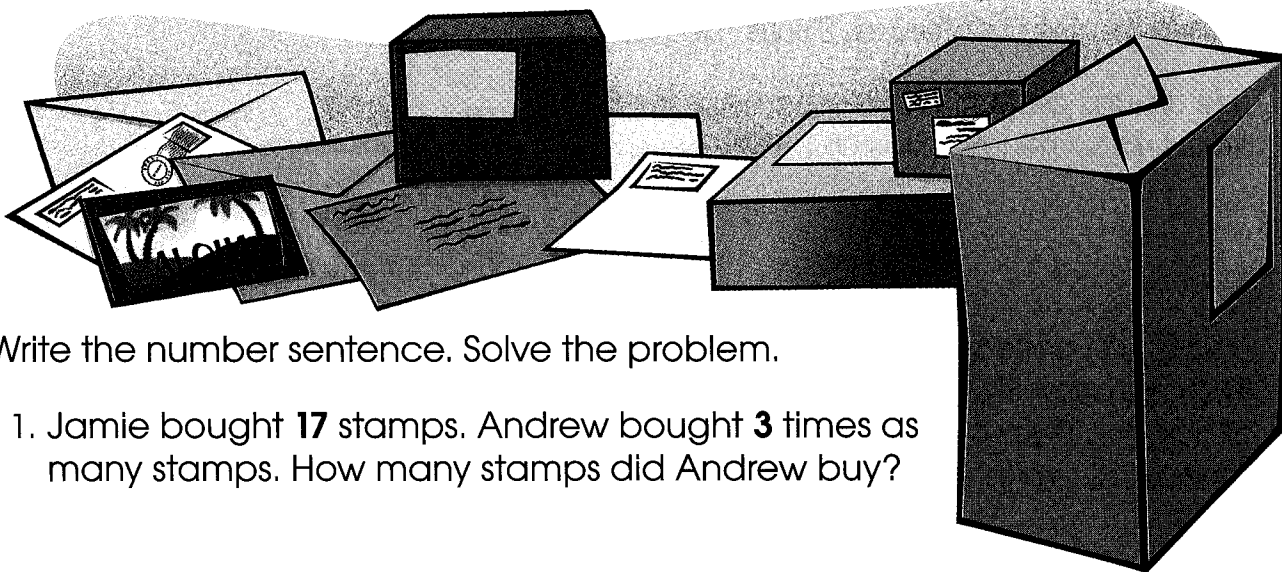
3. Dorry likes to send postcards to her friends. She mailed **24** postcards to **12** of her friends. Each friend received the same number of cards. How many postcards did each friend receive?



4. If a stamp costs **\$0.29**, how many stamps could you buy with **\$14.50**?



Multiplication & Division Word Problems



Write the number sentence. Solve the problem.

1. Jamie bought **17** stamps. Andrew bought **3** times as many stamps. How many stamps did Andrew buy?
2. There are **40** letters in the mailbag. They are for **5** people. If each person gets the same number of letters, how many letters will each person get?
3. Miss James delivered **48** packets of letters. Each packet had **9** letters in it. How many letters did Miss James deliver?
4. Donna has pen pals in **15** countries. Suppose she has **3** pen pals in each country. How many pen pals would she have?
5. Mr. Koontz had **72** postcards. He put them in **9** equal piles. How many postcards were in each pile?
6. Miss James delivered **63** packages. She took **9** packages to each house. How many houses had packages delivered to them by Miss James?

Multiplication & Division Word Problems

Write the number sentence. Solve the problem.

1. The Smiths drove **55** miles an hour for **5** hours. How many miles did they drive?

2. Tina Smith collects postcards. She has **81** postcards. She keeps equal amounts of them in **9** envelopes. How many postcards are in each envelope?



3. Mrs. Smith took pictures of the trip. If she took **125** pictures a day for **7** days, how many pictures would she take?

4. Ann Smith saw bears on **9** mountains. Suppose each mountain had **32** bears on it. How many bears would there be?

5. Mr. Smith packed **12** shirts. He packed them into **4** suitcases. If there were an equal number of shirts in each suitcase, how many shirts would be in each?

6. The Smiths rode on a cable car. There were **25** people waiting in line. Each cable car holds **5** people. How many cable cars were needed?

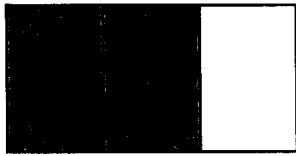


Fractions

A **fraction** is a number that names part of a whole.

$\frac{2}{3}$ — numerator
 $\frac{2}{3}$ — denominator

$\frac{2}{3} = 2$ pieces out of 3 equal parts.

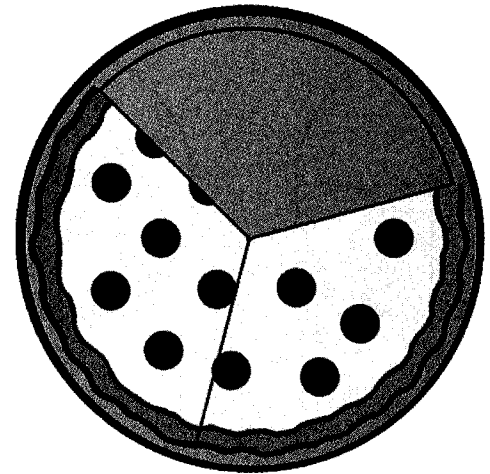


$\frac{2}{3}$ pieces colored
 $\frac{2}{3}$ pieces in all

$\frac{1}{3}$ $\frac{1}{3}$ $\frac{1}{3}$

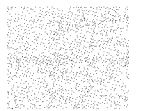
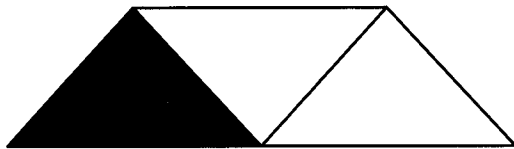


$\frac{2}{3}$ pieces are triangles
 $\frac{2}{3}$ pieces in all

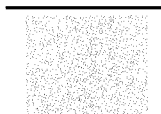


Read and solve each problem using the method shown above.

1.

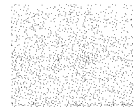
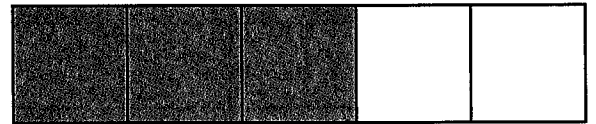


How many pieces are colored?

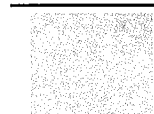


How many pieces are in the whole?

2.

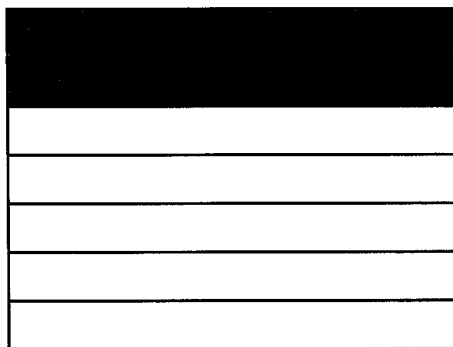


How many pieces are colored?

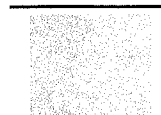


How many pieces are in the whole?

3.

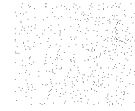
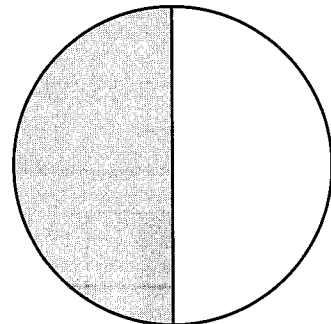


How many pieces are colored?

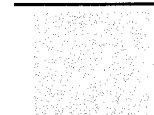


How many pieces are in the whole?

4.



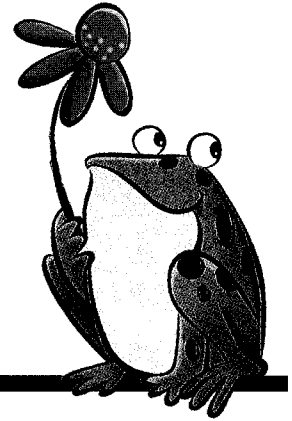
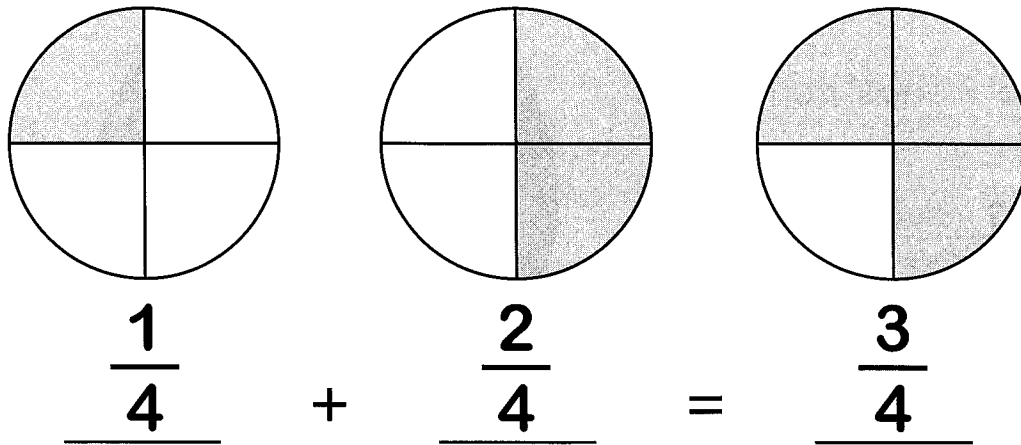
How many pieces are colored?



How many pieces are in the whole?

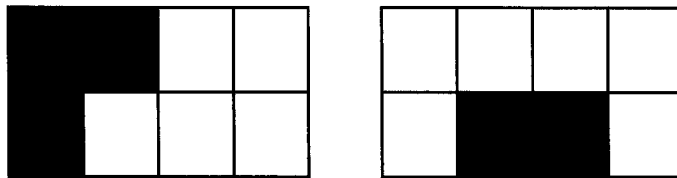
Adding & Subtracting Fractions

When you add or subtract fractions, you use only the top numbers (numerators). Below is an example:



Write a fraction for each colored part. Solve the problem.

1.



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

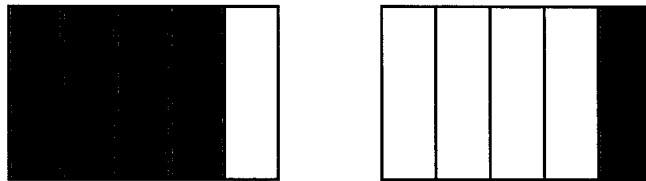
2.



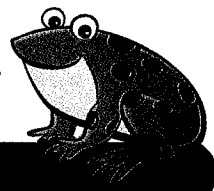


$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3.



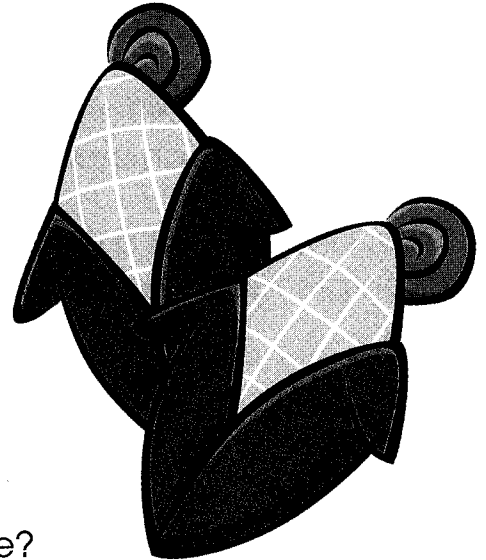
$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$



Fractions in Word Problems

Sometimes you have fractions in word problems. Look for the clue words that tell you to add or subtract. Remember to add or subtract only the top number (numerator) of the fractions.

1. Read the problem carefully.
2. Look for clue words and underline them.
3. Decide what you must do.
4. Write the number sentence.
5. Solve the problem.
6. Write a complete sentence that includes the answer.



Mary planted $\frac{2}{7}$ of the garden with corn and $\frac{3}{7}$ with beans. How much of the garden did she use?

The number sentence:

$$\frac{2}{7} + \frac{3}{7} = \frac{5}{7}$$

The answer:

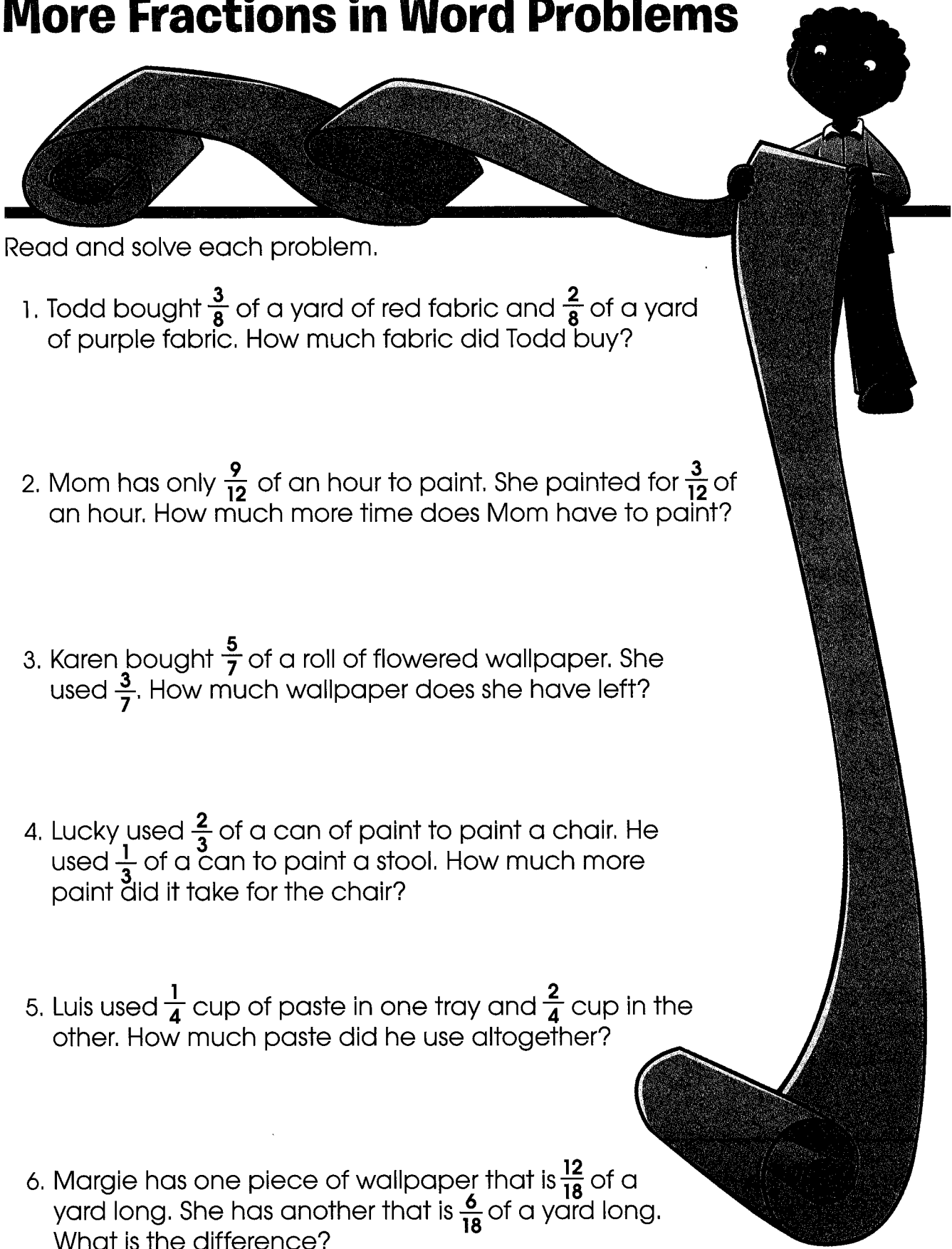
Mary used $\frac{5}{7}$ of the garden.

Use the 6 steps to solve the word problems.

1. Wanda picked corn. She picked $\frac{8}{9}$ of a bushel on Wednesday. She picked $\frac{5}{9}$ of a bushel on Thursday. How much more did she pick on Wednesday than Thursday?
2. Kim dug $\frac{2}{4}$ of the garden in the morning and $\frac{1}{4}$ in the evening. How much of the garden did she dig altogether?
3. Suzanne must plant $\frac{8}{16}$ of the garden. She has planted $\frac{2}{16}$ so far. How much more must she plant?



More Fractions in Word Problems



Read and solve each problem.

1. Todd bought $\frac{3}{8}$ of a yard of red fabric and $\frac{2}{8}$ of a yard of purple fabric. How much fabric did Todd buy?
2. Mom has only $\frac{9}{12}$ of an hour to paint. She painted for $\frac{3}{12}$ of an hour. How much more time does Mom have to paint?
3. Karen bought $\frac{5}{7}$ of a roll of flowered wallpaper. She used $\frac{3}{7}$. How much wallpaper does she have left?
4. Lucky used $\frac{2}{3}$ of a can of paint to paint a chair. He used $\frac{1}{3}$ of a can to paint a stool. How much more paint did it take for the chair?
5. Luis used $\frac{1}{4}$ cup of paste in one tray and $\frac{2}{4}$ cup in the other. How much paste did he use altogether?
6. Margie has one piece of wallpaper that is $\frac{12}{18}$ of a yard long. She has another that is $\frac{6}{18}$ of a yard long. What is the difference?

Logic Puzzles

Word problems give you information that helps you to solve a problem. These puzzles below give you a limited amount of information, but enough to solve the puzzle if you take some time to think. All of these puzzles will have a chart provided for you to record important information.

There are three children named Patti, Mary, and Paul. Each has a different favorite food of chicken, pizza, or spaghetti. You need to decide what food is the favorite for each child using the information below.

Patti does not like chicken.

	Patti	Mary	Paul
Pizza			
Spaghetti			
Chicken	no		

Mary will not eat foods that have tomatoes in them. (*Hint: If Mary does not like foods with tomato, then she must like chicken.*)

	Patti	Mary	Paul
Pizza		no	
Spaghetti		no	
Chicken	no	yes	

Paul likes a food that starts with the same letter as his name. (*Hint: If Paul likes pizza, then spaghetti or chicken must not be his favorite.*)

	Patti	Mary	Paul
Pizza		no	yes
Spaghetti		no	no
Chicken	no	yes	no

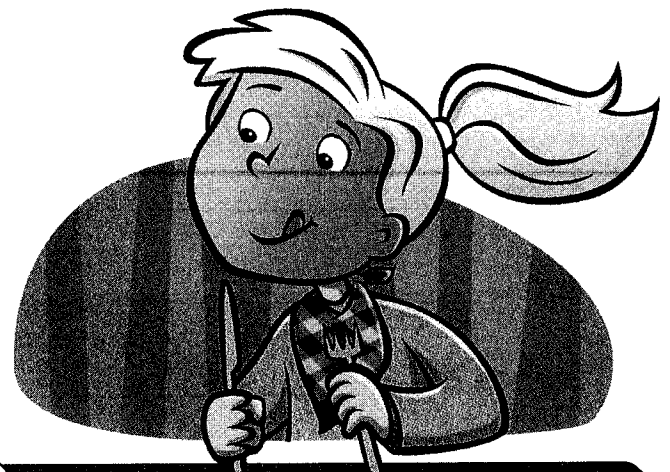


1. What is each child's favorite food according to the information given?

Patti _____

Mary _____

Paul _____



Logic Puzzles

Here are a few logic puzzles for you to try. The charts are provided for you to record important information. Have fun!

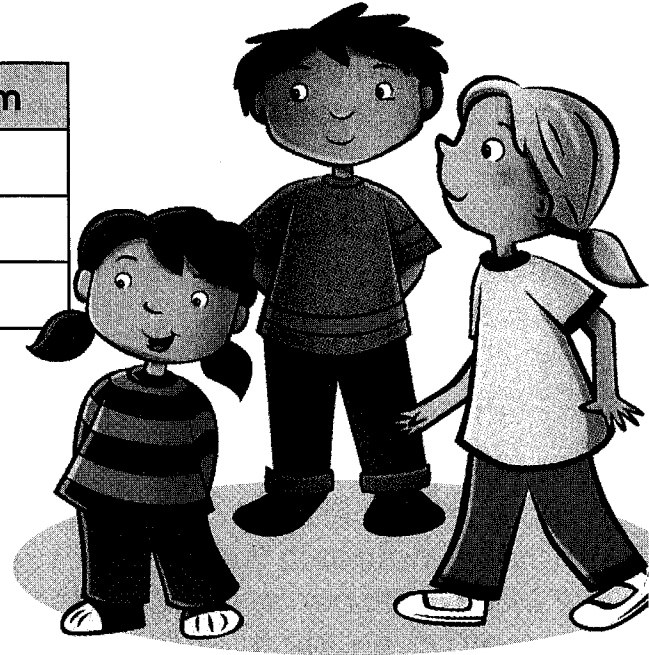
1. Rachel's height is in between Nick's and Sam's.
 Nick is taller than Sam.
 What is the height of each child?

	Rachel	Nick	Sam
4'2"			
4'5"			
4'7"			

Rachel _____

Nick _____

Sam _____



2. Maggie is 9 years old. Susan is older than Maggie.
 James is younger than Susan. Joe is the oldest. Can you discover the ages of Maggie, Susan, Joe, and James?

	Maggie	Susan	Joe	James
8 years				
9 years				
10 years				
11 years				

Maggie is _____

Susan is _____

Joe is _____

James is _____



Two-Step Problems

Sometimes you must use two steps to solve a problem. These problems are called two-step word problems.

There are **9** girls on the basketball team. Each girl needs a shirt and shorts for the games. A shirt costs **\$3.50**. A pair of shorts cost **\$5.00**. What is the total cost of all the outfits?

Step 1: Add to get the cost of one outfit.

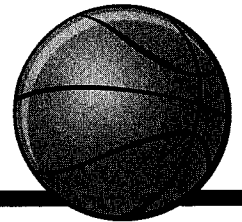
Step 2: Multiply to get the cost of all the outfits.

$$\begin{array}{r} \text{Step 1: } \$5.00 \text{ for a pair of shorts} \\ + \$3.50 \text{ for a shirt} \\ \hline \$8.50 \text{ total per outfit} \end{array}$$

$$\begin{array}{r} \text{Step 2: } \$8.50 \text{ per outfit} \\ \times \quad 9 \text{ number of girls} \\ \hline \$76.50 \text{ for 9 outfits} \end{array}$$

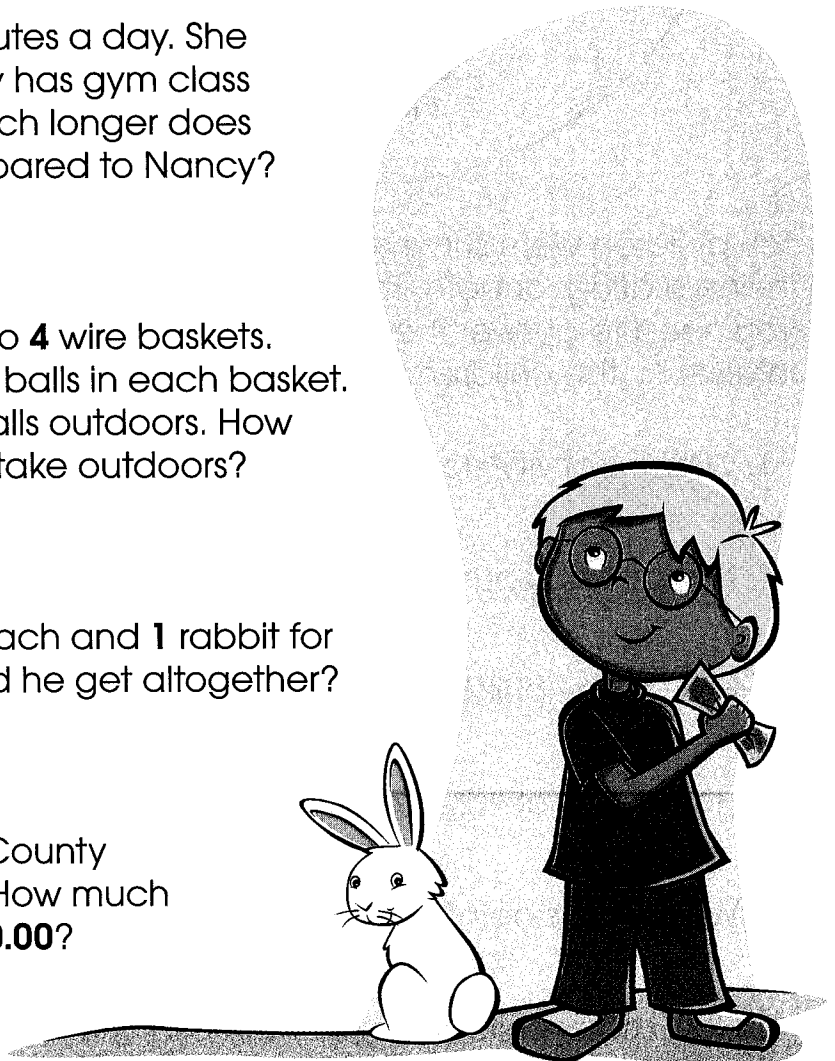
The answer:

The total cost of all the outfits is **\$76.50**.



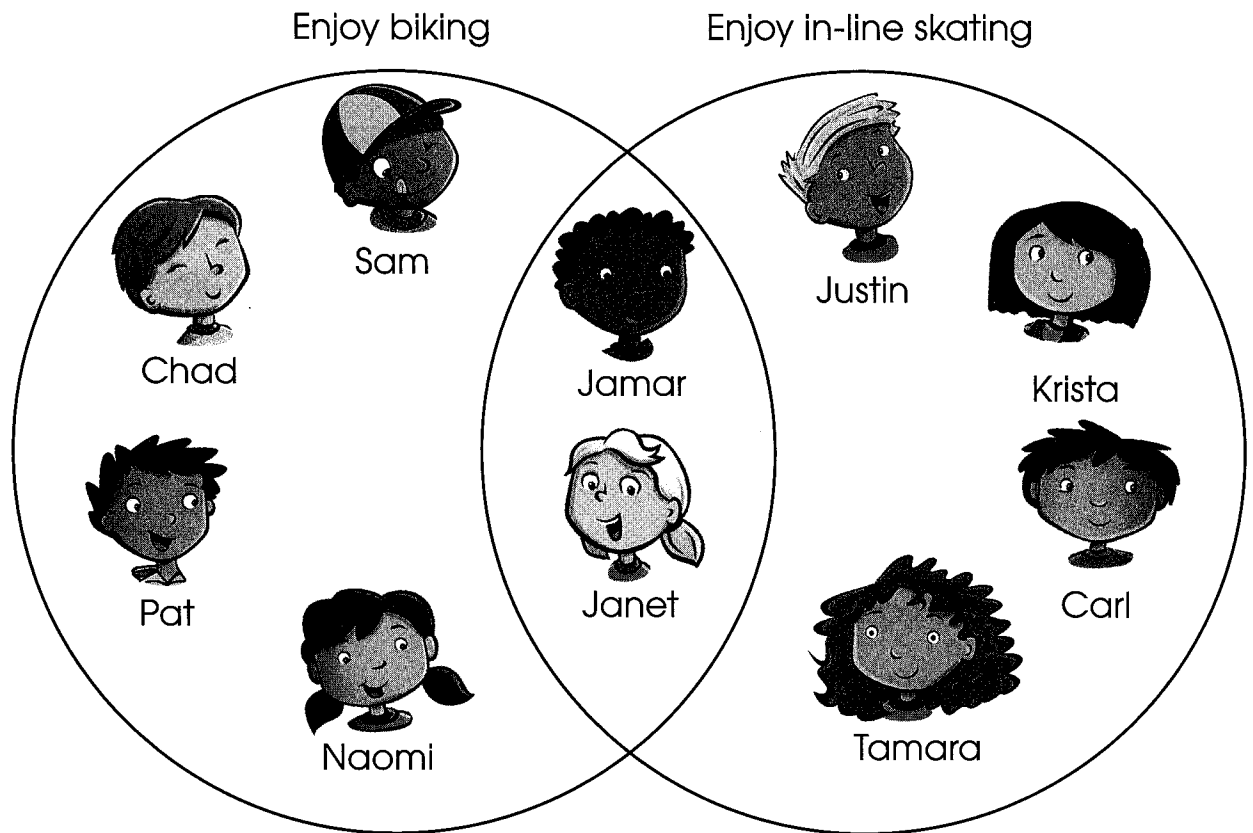
Tell what the two steps are. Then solve the problem.

1. Angie has gym class **40** minutes a day. She has it **3** times a week. Nancy has gym class **90** minutes a week. How much longer does Angie have gym class compared to Nancy?
2. Craig put **208** tennis balls into **4** wire baskets. He put the same number of balls in each basket. Then he took **3** baskets of balls outdoors. How many tennis balls did Craig take outdoors?
3. P.J. sold **4** rabbits for **\$3.75** each and **1** rabbit for **\$4.50**. How much money did he get altogether?
4. Tim bought **6** tickets to the County Fair. Each ticket cost **\$1.50**. How much change did he get from **\$10.00**?



Venn Diagrams

A Venn diagram uses circles to represent sets and their relationships.

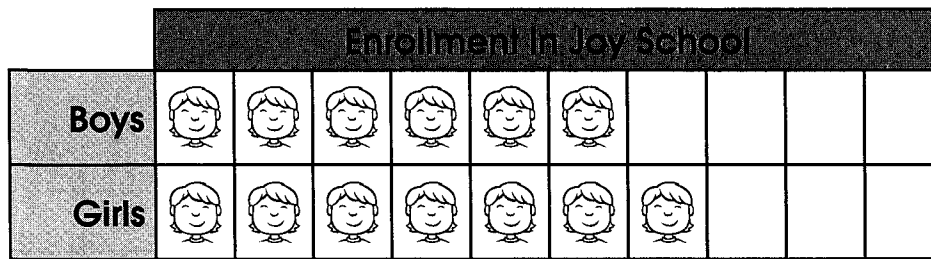


Ten children were surveyed to discover whether they enjoyed bicycling, in-line skating, or both. The **Venn diagram** above gives you all the information you need to answer the following questions. Hint: Where the **Venn diagram** intersects, the children are in both circles.

1. Which activity does Tamara enjoy? _____
2. Naomi and Sam enjoy the same activity. Which one is it? _____
3. How many children enjoy biking? _____
4. How many children enjoy in-line skating? _____
5. Who enjoys both biking and in-line skating? _____
6. How many children enjoy both biking and in-line skating? _____

Picture Graphs

A picture graph gives you information. Read it carefully. Make certain you understand what facts are being presented.

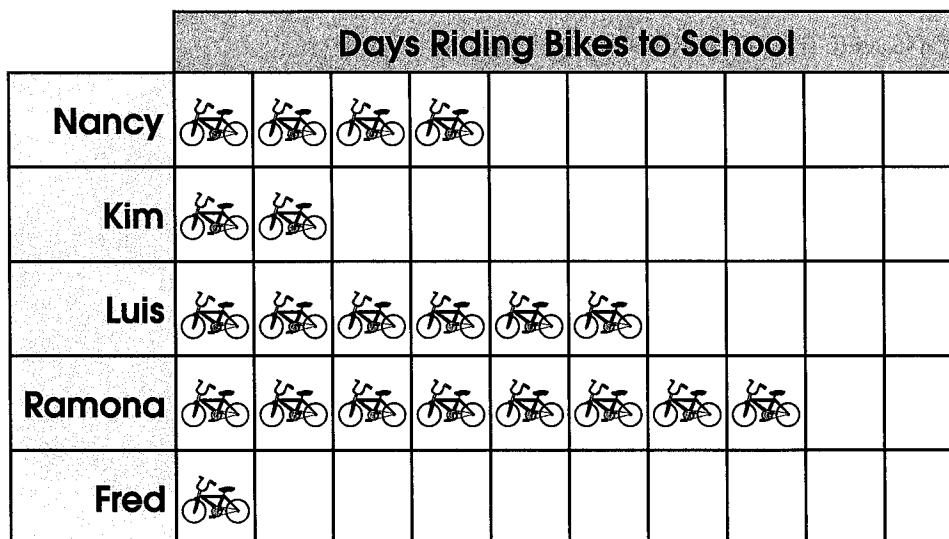


Each symbol  stands for **20** students.

How many boys are in Joy School? 120 boys ($20 \times 6 = 120$)

How many girls are in Joy School? 140 girls ($20 \times 7 = 140$)

Read the graph carefully. Make certain you understand what facts are being presented. Then answer the questions below.



Each bike  stands for **3** days.



- Who rode to school the most days? _____
- How many days did he or she ride to school? _____
- How many days did Luis ride to school? _____
- Nancy rode to school more days than Kim.
How many more days did Nancy ride to school? _____

Bar Graphs

A bar graph gives you information. Read it carefully. Make sure you understand what facts are being presented.

Attendance of the School Play		50	100	150	200	250	300	350	400	450	500	550	600	650	700	750
WED.																
THURS.																
FRIDAY																

On what day did the most people attend the play? Thursday

How many people came that day? 650

How many people came altogether? 1,800

Study the graph. Then answer the questions below.

Tickets sold to the School Play		10	20	30	40	50
Albert						
Jennifer						
Lucy						
Todd						
Shirley						

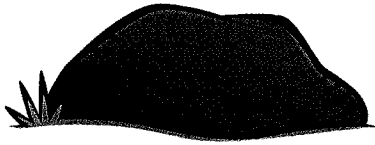


- Who sold the most tickets? _____
- How many did Albert and Jennifer sell altogether? _____
- How many did Lucy and Todd sell in total? _____
- Todd sold more tickets than Shirley.
How many more tickets did Todd sell? _____
- Shirley sold more tickets than Albert.
How many more tickets did Shirley sell? _____

Answer Key

Page 1

1. Calvin found **46** rocks in total.
2. Jamie saw **53** birds in all.



Page 3

1. The difference between their throws was **2** feet.
2. John kicked the ball **19** more times yesterday.



Page 5

1. add; There are **625** children in our school altogether.
2. subtract; They painted **3** more pictures on Tuesday.
3. add; They brought **70** pennies in all.
4. subtract; There were **87** pieces of chalk left unbroken.

Page 7

1. She spent **\$1.99** in all.
2. Mandi spent **\$4.75** more than Justin.
3. The sum of both items would be **\$2.90**.
4. She spent **\$3.46** in all.
5. She spent **\$2.05** more on the beads.

Page 9

1. **60** people
2. **72** tickets



Page 10

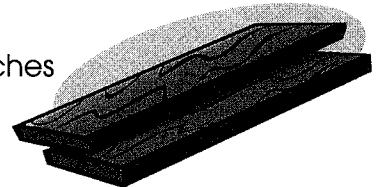
1. **77** hours
2. **100** whistles
3. **36** times
4. **70** questions

Page 11

1. **8** nails
2. **7** screwdrivers

Page 12

1. **8** pieces of wood
2. **7** saws
3. **6** holes
4. **7** wrenches



Page 13

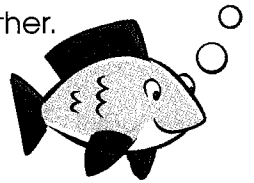
1. There are **21** ribbons altogether.
2. She spent **150** hours in training.
3. There were **72** helmets.

Page 14

1. There were **80** golfers altogether.
2. He drove **296** miles in all.
3. Curtis drank **312** glasses of water throughout his training.
4. There were **48** bikers altogether.
5. There were **384** friends at the race.

Page 2

1. Stephanie has a total of **36** dolls in her collection.
2. Dalton has **53** baseball cards in all.
3. They counted a sum of **90** flowers.
4. Adam found **120** twigs altogether.
5. Krista saw **30** animals in all.
6. They caught a total of **91** fish.



Page 4

1. Sue delivered **11** more newspapers than Tom.
2. Jennifer sold **16** more candy bars than Patti.
3. Kim has **59** cartwheels left to do.
4. The difference between their times was **3** seconds.
5. Elliot has **34** hits left to do.

Page 6

1. The sum of butterflies in the field is **34**.
2. There will be **5** spiders left.
3. There are **33** more grasshoppers than beetles.
4. There were **28** more brown ants.
5. There are **239** flies altogether.
6. There are **38** insects in all.



Page 8

1. The band marched **110** minutes altogether.
2. The band has **6** more tubas than trombones.
3. The band traveled **555** miles in all.
4. The difference between them is **9**.
5. **60** more uniforms are needed.
6. They know a total of **58** songs.

Answer Key

Page 15

1. There were **114** knee pads.
2. She practiced **57** hours in all.
3. Daniel can store **54** planes in his cases.
4. There are **60** chairs in Nadia's classroom.

Page 16

1. She pulled **8** carrots from each row.
2. They had **8** vases.
3. There were **3** rose bushes in each row.

Page 17

1. He would have **7** bags.
2. He pulled **5** onions from each row.
3. There were **9** rows.
4. There are **5** plants in each row.
5. He picked **9** apples from each tree.

Page 18

1. Each girl had **6** dolls.
2. He swam **9** laps each day.
3. Each friend received **2** postcards.
4. You could buy **50** stamps.

Page 19

1. Andrew bought **51** stamps.
2. Each person will get **8** letters.
3. Miss James delivered **432** letters.
4. She would have **45** pen pals.
5. There were **8** postcards in each pile.
6. **7** houses had packages delivered to them by Miss James.

Page 20

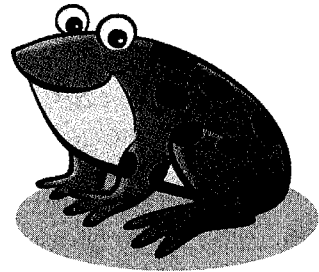
1. They drove **275** miles.
2. There are **9** postcards in each envelope.
3. She would take **875** pictures.
4. There would be **288** bears.
5. There were **3** shirts in each suitcase.
6. **5** cable cars were needed.

Page 21

1. $\frac{1}{3}$
2. $\frac{3}{5}$
3. $\frac{2}{7}$
4. $\frac{1}{2}$

Page 22

1. $\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$
2. $\frac{1}{3} - \frac{1}{3} = 0$
3. $\frac{4}{5} - \frac{1}{5} = \frac{3}{5}$



Page 23

1. She picked $\frac{3}{9}$ ($\frac{1}{3}$) of a bushel more on Wednesday than Thursday.
2. She dug $\frac{3}{4}$ of the garden altogether.
3. She has $\frac{6}{16}$ ($\frac{3}{8}$) of the garden more to plant.

Page 24

1. Todd bought $\frac{5}{8}$ of a yard of fabric.
2. Mom has $\frac{6}{12}$ ($\frac{1}{2}$) of an hour more to paint.
3. She has $\frac{2}{7}$ of a roll of wallpaper left.
4. It took $\frac{1}{3}$ of a can of paint more for the chair.
5. He used $\frac{3}{4}$ of a cup of paste altogether.
6. The difference is $\frac{6}{18}$ ($\frac{1}{3}$) of a yard.

Page 25

1. spaghetti
chicken
pizza

Page 26

1. 4'5"
4'7"
4'2"
2. 9
10
11
8



Page 27

1. Angie has gym class **30** minutes longer than Nancy.
2. Craig took **156** tennis balls outdoors.
3. He got **\$19.50** altogether.
4. He got **\$1.00** in change from \$10.00.

Page 28

1. in-line skating
2. biking
3. **6** children
4. **6** children
5. Jamar and Janet
6. **2** children

Page 29

1. Ramona
2. **24** days
3. **18** days
4. **6** days

Page 30

1. Todd
2. **30** tickets
3. **90** tickets
4. **20** tickets
5. **10** tickets