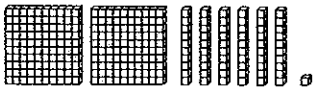
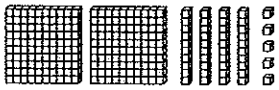
RETEACH MATH WORK

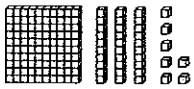
Name _____

Hundreds

Write each number in standard form.

1. 

2. 

3. 

4. 600 + 70 + 9

5. 800 + 3

6. four hundred thirty-one

Write each number in expanded form.

7. 392

8. 710

Write each number in word form.

9. 539

10. 904

11. **Algebra** Find the value of the missing number.

$462 = 400 + \square + 2$

12. **Explain It** Why are five hundreds and three ones written as 503?

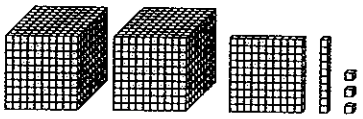
13. **Number Sense** Which is the standard form of six hundred forty?

A 64 **B** 604 **C** 614 **D** 640

Name _____

Thousands

Write each number in standard form.

1. 

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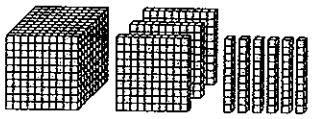
2. 

_____

3. 3,000 + 900 + 40 + 7

_____

4. 6,000 + 70 + 1

_____

Write each number in expanded form.

5. 5,193

_____

6. 4,308

_____

Write the place of the underlined digit. Then write its value.

7. 5,<u>3</u>42

_____

8. <u>7</u>,095

_____

9. 6,3<u>9</u>8

_____

10. **Explain It** An arena can seat nine thousand, forty-eight people. How is that number written in standard form? Explain.

_____

_____

11. **Number Sense** Which is the word form of 8,040?

A eight hundred forty

B eight thousand, forty

C eight thousand, four

D eight thousand, four hundred

Name _____ Reteaching

Rounding

You can use place value to round to the nearest ten or hundred.

Find the rounding place. If the digit in the ones or the tens place is 5, 6, 7, 8, or 9, then round to the next greater number. If the digit is less than 5, do not change the digit in the rounding place.

Round 17 to the nearest ten: 20

Explain. 7 is in the ones place. Round to the next greater ten.

Round 153 to the nearest ten. 150

Explain. Because 3 is in the ones place and 3 is less than 5, the digit in the tens place doesn't change.

Round 575 to the nearest hundred. 600

Explain. Because the 7 in the tens place is 5 or greater, round to the next greater hundred.

1. Round 63 to the nearest ten: _____

Explain. _____

Round each number to the nearest ten.

2. 58 _____ **3.** 71 _____ **4.** 927 _____ **5.** 3,121 _____

Round each number to the nearest hundred.

6. 577 _____ **7.** 820 _____ **8.** 2,345 _____ **9.** 8,750 _____

10. Reasoning If you live 71 mi from a river, does it make sense to say you live about 80 mi from the river? Explain.

_____

Name _____ Practice

Rounding

Round to the nearest ten.

1. 37	**2.** 93	**3.** 78	**4.** 82	**5.** 24
_____	_____	_____	_____	_____
6. 426	**7.** 329	**8.** 815	**9.** 163	**10.** 896
_____	_____	_____	_____	_____

Round to the nearest hundred.

11. 395	**12.** 638	**13.** 782	**14.** 246	**15.** 453
_____	_____	_____	_____	_____
16. 529	**17.** 877	**18.** 634	**19.** 329	**20.** 587
_____	_____	_____	_____	_____

21. Number Sense Tyrell says 753 rounds to 800. Sara says 753 rounds to 750. Who is correct? Explain.

_____

_____

22. Explain It How would you use a number line to round 148 to the nearest ten.

_____

_____

23. There are 254 counties in Texas. What is that number rounded to the nearest ten? What is that number rounded to the nearest hundred?

_____

24. Which number does not round to 400?

A 347 **B** 369 **C** 413 **D** 448

Name _____ Practice

Adding 2-Digit Numbers

Estimate. Then find each sum.

1. 73 + 19	**2.** 16 + 48	**3.** 52 + 79	**4.** 28 + 25	**5.** 47 + 34
6. 53 + 45	**7.** 37 + 21	**8.** 63 + 24	**9.** 59 + 76	**10.** 29 + 44
11. 58 + 28 = _____	**12.** 53 + 72 = _____	**13.** 66 + 23 = _____	**14.** 42 + 31 = _____	**15.** 36 + 52 = _____

16. Critical Thinking Mr. McWilliams drove 76 miles Monday and 43 miles Tuesday. Follow the steps to find how many miles Mr. McWilliams drove all together.

a. Write a number sentence to show how to solve the problem.

_____

b. Estimate the total distance Mr. McWilliams drove.

_____

c. Find the actual total distance.

_____

17. Reasoning Using four different digits, what is the least sum you can get when you add two 2-digit numbers? Write your problem.

_____

18. There are 72 people on a train when 25 more people enter. How many people are on the train now?

A 79 **B** 87 **C** 97 **D** 98

Name _____ Practice

Adding 3-Digit Numbers

Estimate. Then find each sum.

1. 329 + 468

2. 148 + 231

3. 555 + 222

4. 472 + 515

5. 396 + 428

6. 645 + 79

7. 536 + 399

8. 268 + 422

9. 633 + 210

10. Critical Thinking Follow the steps below to find how many combined points were scored by Howie and Theo.

Points Scored

Player	Points
Howie	272
Theo	325
Isabel	288

a. Write a number sentence to show how to solve the problem.

_____

b. Estimate the total points scored by Howie and Theo.

_____

c. Find the actual total. _____

11. Explain It Write an addition story for two 3-digit numbers. Write the answer to your story.

_____

12. Sharon can run 278 yards in one minute. Pete can run 145 more yards than Sharon in one minute. How many yards can Pete run in one minute?

_____

13. There were 752 people at a town meeting last week. There were 163 more people this week. How many people attended this week's meeting?

A 815 **B** 825 **C** 915 **D** 925

Name _____ Practice

Adding 3 or More Numbers

Find each sum.

1.
$$\begin{array}{r} 75 \\ 36 \\ +\ 58 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 142 \\ 297 \\ +\ 116 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 524 \\ 97 \\ +\ 176 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 273 \\ 187 \\ 64 \\ +\ 249 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 319 \\ 48 \\ 136 \\ +\ 347 \\ \hline \end{array}$$

6. 237 + 75 + 49 _____

7. 49 + 7 + 63 + 8 _____

8. 143 + 47 + 219 + 136 _____

9. Estimation Estimate the sum of 327 + 419 + 173.

_____

10. Number Sense Justine has 162 red buttons, 98 blue buttons, and 284 green buttons. She says she knows she has more than 500 buttons without adding. Do you agree? Explain.

_____

_____

11. Carlos ate or drank everything that is listed in the table. How many calories did Carlos consume?

_____

Food	Amount	Calories
Bran flakes	1 ounce	90
Banana	1	105
Orange juice	1 cup	110
Milk	1 cup	150

12. In winning the 1884 U.S. presidential election, Grover Cleveland received 219 electoral votes. He received 168 electoral votes in 1888, and lost. Then he received 277 electoral votes and won in 1892. How many electoral votes did Cleveland receive in all?

_____

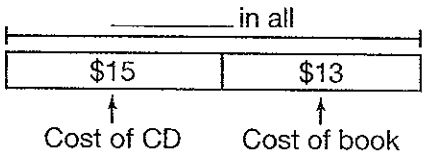
13. Kyle has 378 pennies, 192 nickels, and 117 dimes. How many coins does he have all together?

A 495 **B** 570 **C** 677 **D** 687

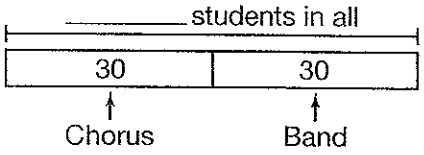
Name _____ Practice

Problem Solving: Draw a Picture

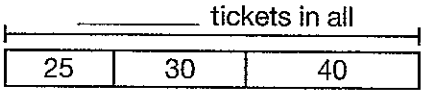
1. Kelly bought a CD for $15 and a book for $13. How much money did Kelly spend in all?



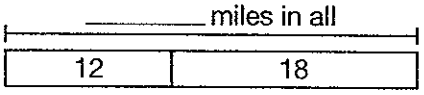
2. **Estimation** There are 28 students in the chorus and 31 students in the band. All will be performing tonight. About how many students will be performing in all?



3. Jane sold 25 raffle tickets Monday, 30 raffle tickets Tuesday, and 40 raffle tickets Wednesday. How many raffle tickets did Jane sell all together?



4. Dan cycled 12 miles Saturday and 18 miles Sunday. How many miles did he cycle all together?

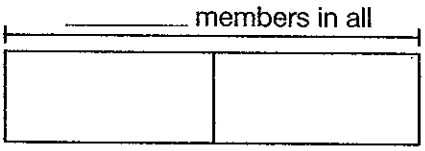


The table shows the number of students who belong to clubs. Use the table for **5** through **7**.

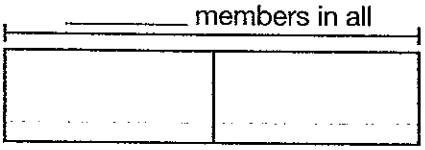
Club Membership

Club	Members
Math	24
Spanish	18
Running	15
Science	6

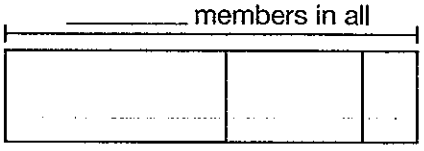
5. How many students belong to the Spanish and Science clubs?



6. About how many students belong to the Math and Spanish clubs?



7. How many students belong to the Math, Running, and Science clubs?



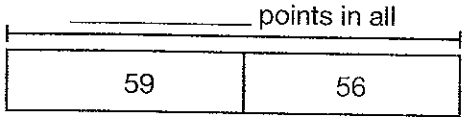
Name _____

Practice

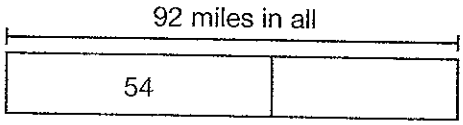
Problem Solving: Reasonableness

Solve. Then check that your answer is reasonable.

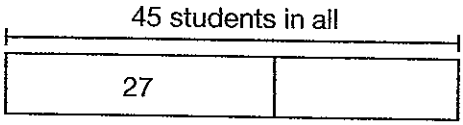
1. The Aggies scored 59 points in the first half and 56 points in the second half. How many points did the Aggies score altogether?



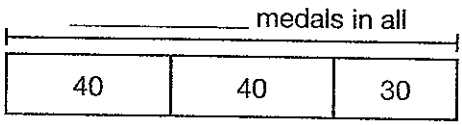
2. Ms. Rice is driving 92 miles to a meeting. After driving 54 miles, she stops to buy gasoline. How many more miles does she have left?



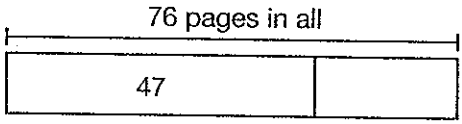
3. There are 45 students going on a field trip. Of those students, 27 are from Mrs. Unser's class. The rest are from Mr. King's class. How many students are from Mr. King's class?



4. **Estimation** In the 2004 Summer Olympics, the United States won 36 gold, 39 silver, and 27 bronze medals. About how many medals did the United States win?



5. Christine is reading a short story that is 76 pages long. She just finished reading page 47. How many more pages does she have left to read?



6. Wyoming has 23 counties. Wisconsin has 49 more counties than Wyoming. How many counties does Wisconsin have?

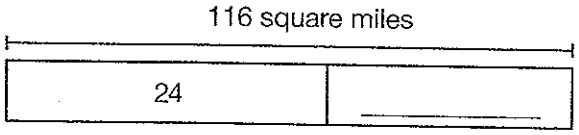
A 26 **B** 62 **C** 72 **D** 82

Name _____ Practice

Problem Solving: Draw a Picture and Write a Number Sentence

The table below shows the areas of some of the smallest countries in the world. Use the table for **1–3.**

1. How many square miles greater is Maldives than San Marino?

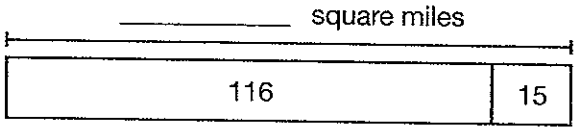


Area of Countries

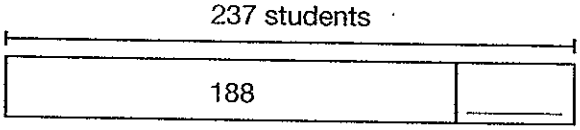
Country	Area (in sq mi)
San Marino	24
Liechtenstein	62
Maldives	116
Palau	177

2. Draw a Picture Draw a diagram to show how to find the difference between the areas of Liechtenstein and San Marino. Use your diagram to solve the problem.

3. Grenada is 15 square miles greater than Maldives. What is the area of Grenada?



4. There are 237 students at Johnson Elementary School. There are 188 students at Hoover Elementary School. How many more students are at Johnson than at Hoover?



5. Write a Problem Write a real-world problem that you can solve by adding or subtracting. Then give your problem to a classmate to solve.

_____

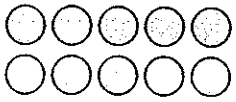
_____

_____

Name _____ Practice

Multiplication as Repeated Addition

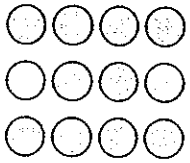
Complete.

1. 

2 groups of ____

5 + ____ = ____

2 × ____ = ____

2. 

3 groups of ____

4 + ____ + ____ = ____

3 × ____ = ____

3. 4 + 4 + 4 + 4 + 4 = 5 × ____

4. ____ + ____ + ____ = 3 × 8

5. 9 + ____ + ____ = ____ × 9

6. 7 + 7 + 7 + 7 = ____ × ____

Algebra Write +, −, or × for each ☐.

7. 5 ☐ 4 = 9

8. 6 ☐ 2 = 12

9. 7 ☐ 3 = 4

10. 3 ☐ 3 = 9

11. 8 ☐ 6 = 2

12. 3 ☐ 3 = 6

13. **Number Sense** Marlon has 4 cards, Jake has 4 cards, and Sam has 3 cards. Can you write a multiplication sentence to find how many cards they have in all? Explain.

_____

_____

14. **Write a Problem** Draw a picture that shows equal groups. Then write an addition sentence and a multiplication sentence for your picture.

15. Which is equal to 6 + 6 + 6 + 6?

A 6 × 3 **B** 3 × 6 **C** 4 × 6 **D** 6 × 5

Name _____

Practice

Multiplying with 3 Factors

Find the product. You may draw a picture to help.

1. $2 \times 3 \times 3$ _____

2. $2 \times 2 \times 4$ _____

3. $8 \times 2 \times 2$ _____

4. $6 \times 2 \times 3$ _____

5. $3 \times 3 \times 4$ _____

6. $5 \times 2 \times 5$ _____

7. $5 \times 4 \times 2$ _____

8. $4 \times 2 \times 3$ _____

Find the missing number.

9. $4 \times 4 \times 3 = 48$, so $4 \times (4 \times 3) = \square$

10. $(5 \times 2) \times 8 = \square$

11. Sarah and Amanda each have 2 bags with 4 marbles in each. How many marbles do they have altogether?

_____

12. Jesse bought 2 sheets of stamps. On each sheet there are 5 rows of stamps with 6 stamps in each row. How many stamps did Jesse buy?

_____

13. **Reasonableness** Is the product of $6 \times 2 \times 4$ less than 50? Explain.

_____

_____

14. Which number makes this number sentence true?

$8 \times 2 \times 4 = 8 \times (\blacksquare \times 4)$

A 2 **B** 4 **C** 8 **D** 64

15. Write three ways to find $3 \times 2 \times 4$.

_____

_____

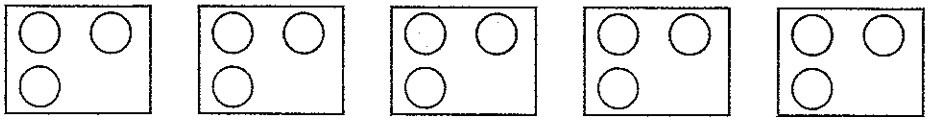
Name _____

Reteaching

Division as Sharing

Division shows how many items are in each group or how many equal groups there are.

There are 15 counters that are going to be put into 5 groups.
How many counters will be in each group?



There are 15 counters. There are 5 groups.
There are 3 counters in each group.
So, $15 \div 5 = 3$.

Use counters or draw a picture to solve.

1. 12 tennis balls, 4 cans
How many tennis balls in each can?

_____

2. 20 cookies, 5 bags
How many cookies in each bag?

_____

3. 16 apples, 2 baskets
How many apples in each basket?

_____

4. 20 fingers, 4 hands
How many fingers on each hand?

_____

5. One box contains 12 granola bars. Two bars are in each package.
How many packages are in each box of granola bars?

_____

6. **Number Sense** Could you divide 14 shirts into two equal groups? Why or why not?

_____

_____

Name _____

Practice

Division as Repeated Subtraction

Use counters or draw a picture to solve.

1. 18 pens
   3 pens in each box
   How many boxes?

   _____

2. 24 students
   3 students on each team
   How many teams?

   _____

3. 35 stickers
   5 stickers on each sheet
   How many sheets?

   _____

4. 30 leaves
   6 leaves painted on each vase
   How many vases?

   _____

5. **Number Sense** What division sentence means the same as the following subtraction sentences?

   $12 - 4 = 8$

   $8 - 4 = 4$

   $4 - 4 = 0$

   _____

6. Tandem bicycles are ridden by 2 people. If 14 people rented tandem bicycles, how many bicycles were rented?

   _____

7. **Explain It** Tamara says that $15 \div 3 = 5$. Is she correct? Explain.

   _____

   _____

   _____

8. Keisha has to carry 32 boxes to her room. She can carry 4 boxes on each trip. How many trips will she take?

   A 6 **B** 7 **C** 8 **D** 9

Name _____ Reteaching

Relating Multiplication and Division

You can use multiplication facts to understand division.
Fact families show how multiplication and division are related.

Here is the fact family for 3, 8, and 24:

$3 \times 8 = 24$ $\quad$ $24 \div 3 = 8$

$8 \times 3 = 24$ $\quad$ $24 \div 8 = 3$

Complete. Use counters or draw a picture to solve.

1. $3 \times \square = 6$

   $6 \div 3 = \square$

2. $7 \times \square = 14$

   $14 \div 7 = \square$

3. $5 \times \square = 20$

   $20 \div 5 = \square$

4. $4 \times \square = 24$

   $24 \div 4 = \square$

5. **Number Sense** What other number is a part of this fact family? 3, 4, _____

6. There are 28 days in 4 weeks. What fact family would you use to find the number of days in 1 week?

   _____

7. There are 12 inches in 1 foot. What fact family would you use to find the number of inches in 2 feet?

   _____

Name _____ Practice

Fact Families with 2, 3, 4, and 5

Find each quotient.

1. $14 \div 2$ _____

2. $12 \div 3$ _____

3. $16 \div 4$ _____

4. $30 \div 5$ _____

5. $21 \div 3$ _____

6. $2\overline{)20}$

7. $4\overline{)32}$

8. $5\overline{)40}$

9. $3\overline{)18}$

10. $4\overline{)32}$

11. Find 18 divided by 3. _____

12. Divide 60 by 6. _____

13. Find 35 divided by 5. _____

Algebra Find each missing number.

14. $45 \div \square = 5$

15. $30 \div 3 = \square$

16. $\square \div 2 = 7$

Number Sense Write < or > to compare.

17. $5 \times 2 \bigcirc 8 \div 2$

18. $3 \times 6 \bigcirc 6 \div 3$

19. $4 + 8 \bigcirc 4 \times 8$

20. Gabriella and 4 friends shared a pack of 15 glue sticks equally. How many glue sticks did each person get?

_____

21. Erica counted 45 fingers when the students were asked who wants to play kickball. How many hands went up?

_____

22. **Explain It** Franklin says that if he divides 50 by 5, he will get 10. Jeff says he should get 9. Who is correct? Explain.

_____

_____

23. Which fact does not belong in the same fact family as $24 \div 4 = 6$?

A $4 \times 6 = 24$ **B** $6 + 4 = 10$ **C** $24 \div 6 = 4$ **D** $6 \times 4 = 24$

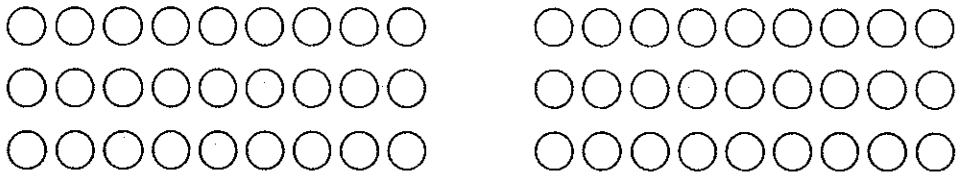
Name _____ Reteaching

Problem Solving: Draw a Picture and Write a Number Sentence

You can draw a picture to help you divide.

Neil has 54 CDs. He has the CDs equally placed among 6 shelves. How many CDs can go on each shelf?

Draw a diagram to show the problem. Make 6 rows with the same number of CDs until you reach 54.



Write a number sentence: $54 \div 6 = 9$.

Check your answer by using multiplication: $6 \times 9 = 54$.

Neil can put 9 CDs on each shelf.

Draw a diagram to show what you know. Then write a number sentence and solve.

1. There are 5 cars taking students to a museum. Each car can seat 4 students. How many students can go to the museum?

2. There are 16 players competing in the beach volleyball tournament. There are 8 teams competing. How many players are on each team?

3. **Explain It** Sandy said she could use addition to answer question 1. How could this be done?

Name _____

Reteaching

Repeating Patterns

Patterns can grow or patterns can repeat.
Repeating patterns can use numbers or shapes.
You can extend a pattern by finding a rule for the pattern.

Repeating Patterns with Shapes

Use this pattern.
What is the next shape?

Assign each shape a number. When a shape repeats use the same number.

1 2 3 1 2 3 1

The next shape is the second shape.

Repeating Patterns with Numbers

Use the pattern below. What is the 12th number in this pattern?

4, 7, 3, 5, 4, 7, 3, 5, 4, 7, ...

Find the pattern.
The pattern is 4, 7, 3, 5, and then it repeats.

Extend the pattern until reaching the 12th number.

4, 7, 3, 5, 4, 7, 3, 5, 4, 7, 3, 5

The 12th number is 5.

1. Draw the next three shapes in the pattern.

_____

2. What are the next three numbers in the pattern below?
5, 8, 3, 1, 5, 8, 3, 1, 5, 8

_____

3. Explain It In the pattern in Exercise 2, how could you find the 15th number? What is that number?

_____

_____

_____

Name _____

Practice

Extending Tables

Find the missing numbers.

1.

Number of Cats	Number of Legs
1	4
2	
3	12
4	16
	32

2.

Money Earned	Money Saved
$25	$15
$32	$22
$43	
	$47
$73	$63

3.

Touchdowns	Points
1	6
2	12
3	
	36
8	48

For **4** and **5**, use the table at the right.

T-shirts	Cost
1	$8
3	$24
5	$40

4. How much money would 9 T-shirts cost?

_____

5. **Strategy Practice** How much more money do 10 T-shirts cost than 6 T-shirts? Explain how you determined your answer.

_____

_____

_____

6. **Number Sense** Bob has 3 bookshelves that hold a total of 27 books. He adds a fourth shelf and now has 36 books. If he adds 2 more shelves, how many books can he have in total?

_____

7. What is the missing number in the table below?

In	3	5	8	15
Out	9	11	14	

A 21 **B** 25 **C** 30 **D** 45

Name _____

Reteaching

Extending Tables

A table is an organized way to show a pattern.

Weeks	Days
1	7
3	21
5	35
6	42
8	?

Each pair of values follows some rule. If you can find a rule that works for all the pairs, you can extend the table.

What is the missing number in this table?

Step 1

Find a rule for the pattern.

The first 4 weeks are shown.
You can divide to find the pattern.

$42 \div 6 = 7$
$35 \div 5 = 7$
$21 \div 3 = 7$
$7 \div 1 = 7$

There are 7 days in one week.

Step 2

Use your rule to find the missing number.

Multiply the days in 1 week by the number of weeks.

$8 \times 7 = 56$

The missing number is 56.

Complete each table.

1.

Cars	Wheels
1	4
2	8
3	
4	16
8	32

2.

Old Price	New Price
$63	$53
$48	$38
	$31
$37	$27
$26	$16

3.

Weight of Salad in Ounces	6	10	14	18
Total Weight of Container in Ounces	9	13	17	

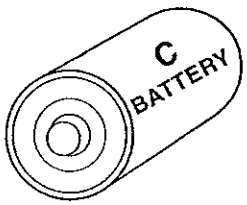
Name _____

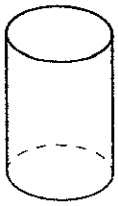
Reteaching

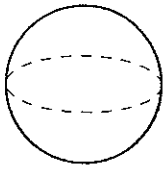
Solid Figures

Three-dimensional objects are called solid figures. Solid figures are found in the world in many shapes and sizes.

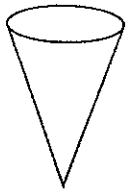
The battery is an example of a cylinder. A **solid figure** is named according to its features.



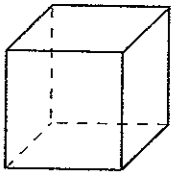




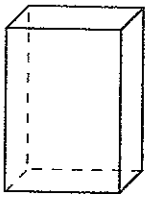
Sphere



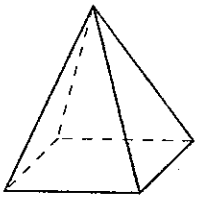
Cone



Cube



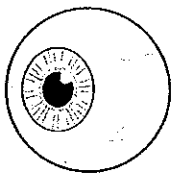
Rectangular Prism



Pyramid

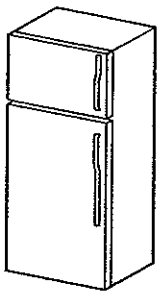
Name the solid figure that each object looks like.

1.



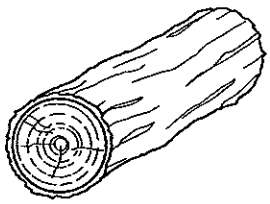
_____

2.



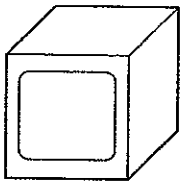
_____

3.



_____

4.



_____

5. Mike put a pyramid and a sphere on a table. Which is most likely going to fall off the table if pushed? Explain.

_____

Name _____

Reteaching

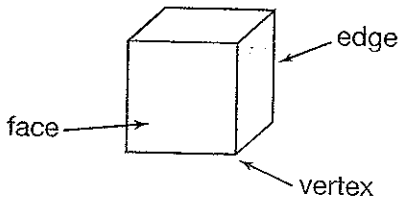
Relating Solids and Shapes

Some solid figures have faces, edges, and vertices. Below is an example of the faces, edges, and vertices of a cube.

A face is a flat surface on a solid figure. There are 6 faces on a cube.

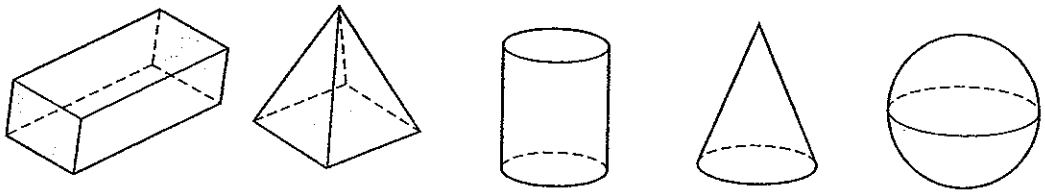
An edge is where two faces meet. There are 12 edges on a cube.

A vertex is where 3 or more edges meet. There are 8 vertices on a cube.



Some figures do not have edges or vertices.

Look at the solid figures below.



1. Which solid figure has the same number of faces, edges, and vertices as a cube?

   _____

2. Which solid figure has 4 triangular faces?

   _____

3. Which solid figure has only 2 flat surfaces?

   _____

4. Which solid figures do not have any vertices?

   _____

5. **Reasoning** How are a cube and a rectangular prism alike? How are they different?

   _____

   _____

   _____

   _____

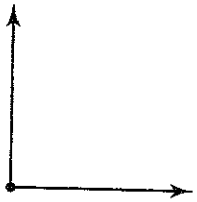
Name _____

Reteaching

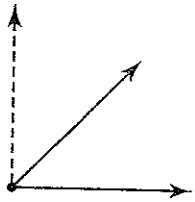
Angles

Angles are formed by two rays that share a vertex. Three types of angles are right angles, acute angles, and obtuse angles.

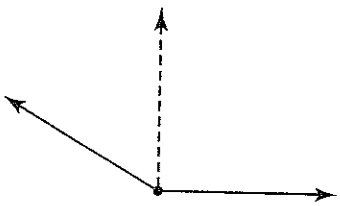
A ray is part of a line that has one endpoint and goes forever in one direction.



A right angle forms a square corner.



An acute angle is less than a right angle.



An obtuse angle is greater than a right angle.

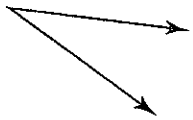
Lines that meet or cross at a right angle are perpendicular lines.

Tell if each angle is right, acute, or obtuse.

1.

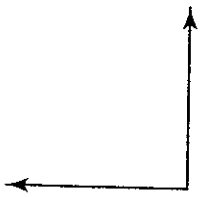
_____

2.



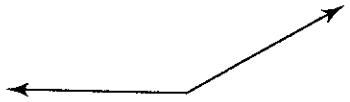
_____

3.



_____

4.



_____

5. Explain It How can you use a right angle to determine the classification of another angle?

_____

_____

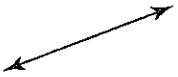
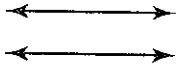
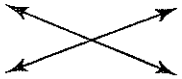
_____

Name _____

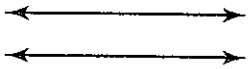
Reteaching

Lines and Line Segments

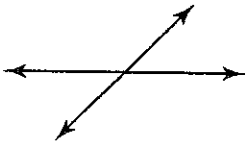
You can find lines and parts of lines in shapes and objects.

A point is an exact location in space	 A line is a set of points that goes forever in both directions.	A line segment is part of a line with two endpoints.	 Parallel lines never meet or cross and remain the same distance apart.	 Intersecting lines meet or cross.

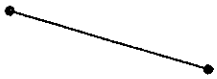
Write the name for each.

1. 

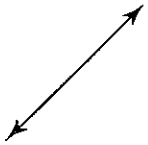
_____

2. 

_____

3. 

_____

4. 

_____

5.

_____

6. 

_____

7. **Reasoning** Leo said that a line is part of a line segment. Carol said that a line segment is a part of a line. Who is correct? Explain.

_____

_____

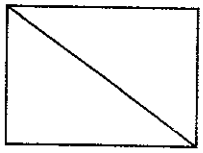
_____

Name _____

Reteaching

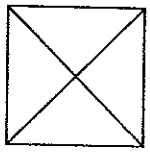
Dividing Regions into Equal Parts

A whole can be divided into equal parts in different ways.

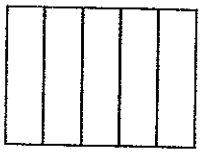


2 equal parts
halves

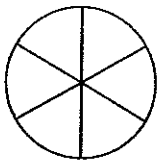
3 equal parts
thirds



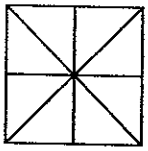
4 equal parts
fourths



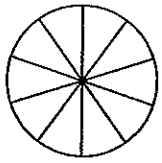
5 equal parts
fifths



6 equal parts
sixths



8 equal parts
eighths



10 equal parts
tenths

12 equal parts
twelfths

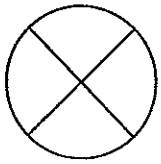
Tell if each shows equal parts or unequal parts.
If the parts are equal, name them.

1. 

_____

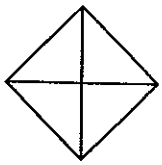
2. 

_____

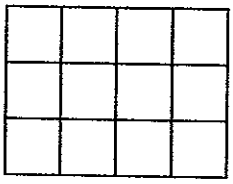
3. 

_____

Name the equal parts of the whole.

4. 

_____

5. 

_____

6. 

_____

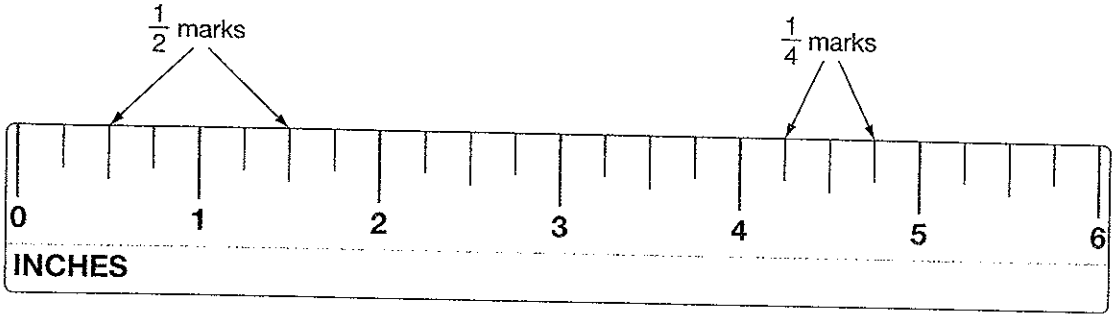
7. Using grid paper, draw a picture of a whole that is divided into thirds.

8. **Reasoning** How many equal parts are there when you divide a figure into fifths? _____

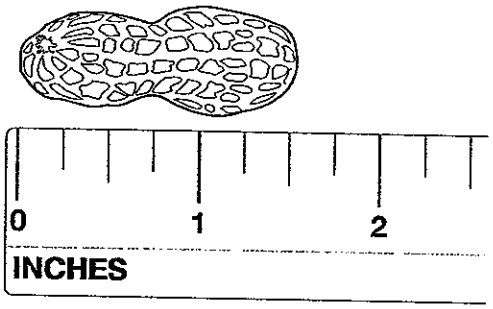
Name _____

Reteaching

Fractions of an Inch

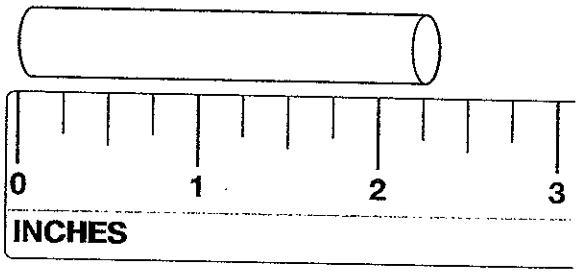


How long is the peanut to the nearest $\frac{1}{2}$ inch?



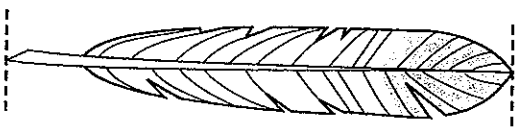
The peanut is $1\frac{1}{2}$ in. to the nearest $\frac{1}{2}$ inch.

How long is the chalk to the nearest $\frac{1}{4}$ inch?



The chalk is $2\frac{1}{4}$ in. to the nearest $\frac{1}{4}$ inch.

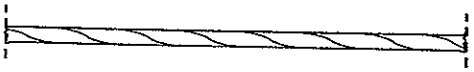
Measure the length of each object to the nearest $\frac{1}{2}$ and $\frac{1}{4}$ inch.

1. 

_____

2. 

_____

3. 

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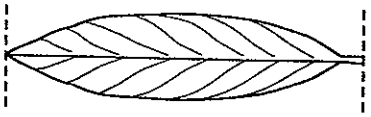
4. 

_____

Name _____

Reteaching

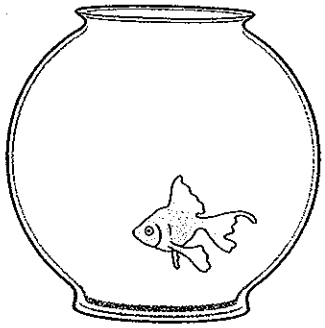
Customary Units of Capacity

Capacity is the amount of liquid a container can hold. The containers show the different units of customary capacity.

cup (c)	pint (pt)	quart (qt)	gallon (gal)
	1 pt = 2 c	1 qt = 2 pt	1 gal = 4 qt

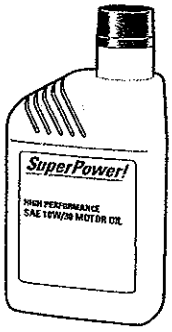
Choose the better estimate for each.

1.



1 c or 1 gal _____

2.



1 qt or 1 gal _____

3.

1 c or 1 qt _____

4. small water bottle

1 pt or 1 gal _____

5. bucket

1 c or 1 gal _____

6. bathroom sink

2 c or 2 gal _____

7. Reasoning Suppose you want to fill a pot with 1 gallon of water. You can use a measuring cup the size of a cup or a quart. Which would be best to use? Explain your reasoning.

_____

_____

_____

Name _____

Reteaching

Multiplying 2- and 3-Digit by 1-Digit Numbers

You can multiply a 2-digit or a 3-digit number by a 1-digit number without finding partial products.

Find 6×48.
Estimate $6 \times 50 = 300$.

Step 1

Multiply the ones.
Regroup if needed.

$6 \times 8 = 48$ ones
Regroup 48 ones as 4 tens and 8 ones.

$$\begin{array}{r} {\scriptstyle 4} \\ 48 \\ \times\ 6 \\ \hline 8 \end{array}$$

Step 2

Multiply the tens.
Add the regrouped tens.

$6 \times 4 = 24$ tens
24 tens $+ 4$ tens $= 28$ tens

$$\begin{array}{r} {\scriptstyle 4} \\ 48 \\ \times\ 6 \\ \hline 288 \end{array}$$

Is the answer reasonable?
Yes. 288 is close to the estimate of 300.
So, $6 \times 48 = 288$.

For **1** and **2**, complete. For **3** through **10**, find the product. Use place-value blocks or drawings to help.

1.
$$\begin{array}{r} \square \\ 14 \\ \times\ 7 \\ \hline \square 8 \end{array}$$

2.
$$\begin{array}{r} \square \\ 26 \\ \times\ 9 \\ \hline \square\square 4 \end{array}$$

3. $\begin{array}{r} 36 \\ \times\ 4 \\ \hline \end{array}$

4. $\begin{array}{r} 73 \\ \times\ 6 \\ \hline \end{array}$

5. $\begin{array}{r} 47 \\ \times\ 5 \\ \hline \end{array}$

6. $\begin{array}{r} 36 \\ \times\ 7 \\ \hline \end{array}$

7. $\begin{array}{r} 54 \\ \times\ 3 \\ \hline \end{array}$

8. $\begin{array}{r} 289 \\ \times\ 7 \\ \hline \end{array}$

9. $\begin{array}{r} 647 \\ \times\ 8 \\ \hline \end{array}$

10. $\begin{array}{r} 862 \\ \times\ 2 \\ \hline \end{array}$

11. Reasonableness Rick multiplied 53×7 and got a product of 351. Is Rick correct? Explain why or why not.

_____

_____

_____

Name _____

Reteaching

Organizing Data

Students in Ms. Mayer's class were asked to name their favorite subject in school. The results are listed below.

Favorite Subject			
Reading Math Science Social Studies Math	Math Science Math Reading Reading	Social Studies Math Math Reading Science	Math Reading Math Social Studies Math

You can make a tally chart of the data. Each | represents 1 and each 𝍸 represents 5.

Favorite Subject

Subject	Tally	Number
Reading	𝍸	5
Math	𝍸 ||||	9
Science	|||	3
Social Studies	|||	3

For **1** and **2**, use the survey data above.

1. What is the most popular subject in the survey?

_____

2. Use tally marks to show the total number of votes that reading and math received.

_____

3. The favorite animals at a zoo are shown below. Use this data to make a tally chart.

Lion	Monkey	Lion	Tiger
Bear	Tiger	Bear	Lion
Bear	Lion	Tiger	Tiger
Tiger	Lion	Monkey	Bear

Name _____ Practice

Writing Multiplication Stories

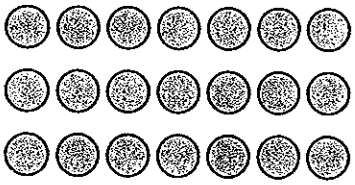
Write a multiplication story for each.

Draw a picture to find each product.

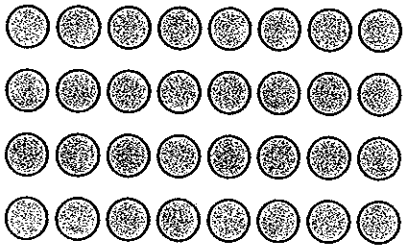
1. 3×6 **2.** 2×8 **3.** 4×3

Write a multiplication story for each picture.

4.



5.



6. Algebra Hot dog buns come in packages of 8. Mrs. Wilson has a total of 40 hot dog buns. Draw a picture to find how many packages of hot dog buns Mrs. Wilson has.

7. There are 9 players on a baseball team. At the park, 4 teams are playing. How many baseball players are playing at the park?

A 27 **B** 32 **C** 36 **D** 40