



Summer Math Program  
Third Grade  
Week 1



**Fast Facts**

See how many you can do in one minute!

$\begin{array}{r} 13 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 49 \\ + 52 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ + 56 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ + 44 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ + 27 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ + 35 \\ \hline \end{array}$
$\begin{array}{r} 64 \\ - 47 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ - 19 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 58 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 80 \\ - 35 \\ \hline \end{array}$	$\begin{array}{r} 66 \\ - 38 \\ \hline \end{array}$

**Number Sense**

1. Odd numbers end in \_\_\_\_\_

- a. 1, 3, 5, 7 or 9
- b. 0, 2, 4, 6 or 8
- c. 0, 1, 2, 3 or 4

**Problem Solving**

1. A class of 23 students are going on a fieldtrip to the zoo. 5 parents are driving their cars. How many students will go in each car? Explain your answer.

Work Space

Explanation

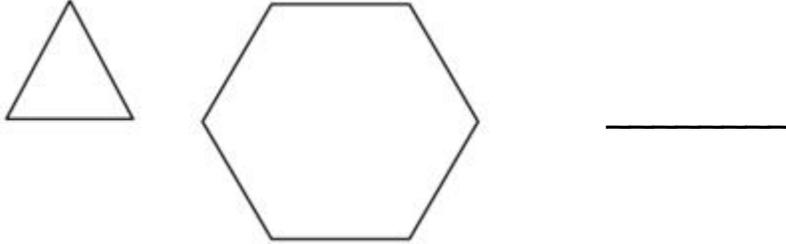
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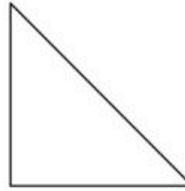
## Geometry Time

1. How many triangles would it take to make this hexagon?



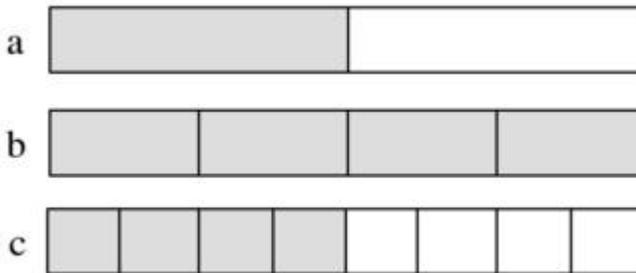
2. How many right triangles would it take to make a square? Answer the question below, and then show your answer by making a drawing.

- A. 2
- B. 3
- C. 4
- D. 6



## Fraction Action

1. Which two of these fractions are equivalent?



- A. a and b
- B. b and c
- C. a and c

2. Place the following fractions where they belong on the number line:



## Web Links

Try these web sites for additional practice and interactive learning!

- Math Magician Games (math fluency)  
<http://resources.oswego.org/games/mathmagician/cathymath.html>
- EduPlace Math eGames - Math Lingo (math vocabulary)  
[http://www.eduplace.com/kids/mw/swfs/mathlingo\\_grade3.html](http://www.eduplace.com/kids/mw/swfs/mathlingo_grade3.html)



Summer Math Program  
Entering Third Grade  
Week 2



**Fast Facts**

See how many you can do in one minute!

$\begin{array}{r} 48 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ + 28 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 52 \\ \hline \end{array}$
$\begin{array}{r} 63 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 72 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 24 \\ \hline \end{array}$

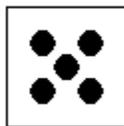
**Place Value Practice**

Write  $<$ ,  $>$ , or  $=$  on the line to compare the numbers.

1.  $100$  \_\_\_  $74$       2.  $88$  \_\_\_  $99$       3.  $222$  \_\_\_  $202$       4.  $98$  \_\_\_  $111$

**Area Calculations**

1. Tom used crackers to find the area of the rectangle. He laid the crackers on the rectangle. What is the area of the rectangle, in crackers? (You may trace the cracker and make more similar crackers to find the area.)



One cracker

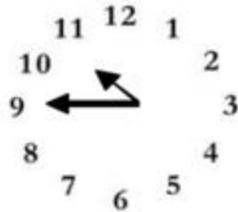
Area = \_\_\_\_\_ crackers

## Problem Solving

1. Tamiko wanted 100 trading cards. She had 55 cards. How many more cards did she need?
- a. 35
  - b. 45
  - c. 155

## Time for Time

1. What time is it on this clock?



## Fraction Action

1. Bob wanted to share his candy bar with his friend Mark. He offered Mark the following choices:
- a. You can have  $\frac{1}{10}$  of my candy bar.
  - b. You can have  $\frac{1}{6}$  of my candy bar.
  - c. You can have  $\frac{1}{2}$  of my candy bar.

Mark wants to choose the biggest piece. Tell which fraction Mark should choose and tell why.

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## Web Links

*Try these web sites for additional practice and interactive learning!*

- ABC-Ya! Math website for comparing numbers  
[http://www.abcya.com/comparing\\_number\\_values.htm](http://www.abcya.com/comparing_number_values.htm)
- Cool Math Math Lines Game  
<http://coolmath-games.com/0-math-lines/index.html>



Summer Math Program  
Entering Third Grade  
Week 3



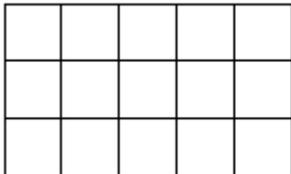
**Fast Facts**

See how many you can do in one minute!

$\begin{array}{r} 48 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ + 28 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 52 \\ \hline \end{array}$
$\begin{array}{r} 63 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 72 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 24 \\ \hline \end{array}$

**Area Calculations**

1. What is the area of the rectangle below? \_\_\_\_\_



← One square unit

**Problem Solving**

1. Bill has 25 marbles and his brother Tom has 13 marbles. How many more marbles does Bill have? Draw a picture or use objects to show this.

2. There were 654 geese on a pond when another flock of 135 geese arrived. How many geese were on the pond then? Show your work to solve this problem.

# Money, Money, Money

1. My piggy bank has 3 quarters, 3 dimes, 3 nickels, and 7 pennies. Write the amount of quarters, dimes, nickels, and pennies in decimal form.

total money in quarters \$\_\_\_\_\_

total money in dimes \$\_\_\_\_\_

total money in nickels \$\_\_\_\_\_

total money in penneys \$\_\_\_\_\_

## Fraction Action

1. Dwayne eats  $\frac{1}{9}$  of the raisin bread.  
Francisco eats  $\frac{1}{3}$  of the raisin bread.

Who eats more raisin bread?

\_\_\_\_\_

2. Audrey has two mini-pizzas. She eats  $\frac{1}{6}$  of the first pizza. Sonny eats  $\frac{1}{2}$  of the second pizza. Who eats more pizza?

\_\_\_\_\_

3. There are two apples of equal size and shape. Sam eats  $\frac{1}{2}$  of the first apple. Stafford eats  $\frac{3}{4}$  of the second apple.

Who eats more?

\_\_\_\_\_

## Web Links

*Try these web sites for additional practice and interactive learning!*

- Math Playground Thinking Blocks for adding and subtracting problem solving  
[http://www.mathplayground.com/ThinkingBlocks/thinking\\_blocks\\_modeling%20\\_tool.html](http://www.mathplayground.com/ThinkingBlocks/thinking_blocks_modeling%20_tool.html)
- EduPlace Brain Teasers  
[http://www.eduplace.com/kids/mw/bt/bt\\_2.html](http://www.eduplace.com/kids/mw/bt/bt_2.html)



Summer Math Program  
Entering Third Grade  
Week 4



**Fast Facts**

See how many you can do in one minute!

$\begin{array}{r} 28 \\ + 25 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ + 18 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 40 \\ + 29 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ + 46 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ + 96 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ + 47 \\ \hline \end{array}$
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$\begin{array}{r} 58 \\ - 33 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ - 51 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ - 38 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 40 \\ \hline \end{array}$	$\begin{array}{r} 60 \\ - 24 \\ \hline \end{array}$
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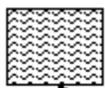
**Web Links**

*Try these web sites for additional practice and interactive learning!*

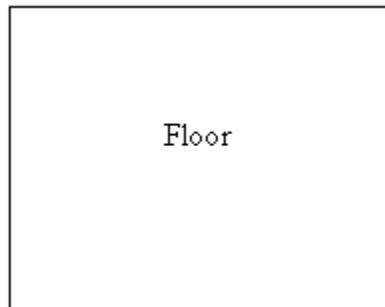
- Jet Ski Addition  
[http://www.mathplayground.com/ASB\\_JetSkiAddition.html](http://www.mathplayground.com/ASB_JetSkiAddition.html)
- At home activities from EduPlace  
[http://www.eduplace.com/parents/mw/activities/aah\\_2.html](http://www.eduplace.com/parents/mw/activities/aah_2.html)

**Area Calculations**

1. How many sheets of paper will be needed to cover the floor area below? (You may trace the sheet of paper and use the tracing to measure.)



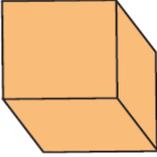
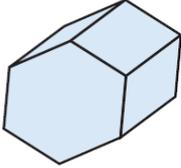
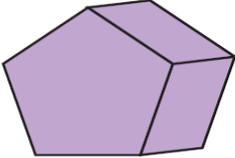
Sheet of  
paper



\_\_\_\_\_

# Geometric Shapes

Draw or label each shape and write how many faces, edges, and vertices it has in the table below. Remember: vertices are corners.

Shape	Name	Number of Faces	Number of Edges	Number of Vertices
	<b>Cube</b>	<b>6</b>	<b>12</b>	<b>8</b>
	<b>Rectangular Prism</b>			
	<b>Triangular Prism</b>			
				
				

Write the name of the solid shape in each picture.

1.



rectangular prism

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2.



3.



4.





Summer Math Program  
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Week 5



### Fast Facts

See how many you can do in one minute!

13	58	49	28	56	77	35
<u>+ 17</u>	<u>+ 21</u>	<u>+ 52</u>	<u>+ 56</u>	<u>+ 44</u>	<u>+ 27</u>	<u>+ 35</u>

64	28	57	75	43	80	66
<u>- 47</u>	<u>- 17</u>	<u>- 19</u>	<u>- 58</u>	<u>- 24</u>	<u>- 35</u>	<u>- 38</u>

### Web Links

*Try these web sites for additional practice and interactive learning!*

- Grand Prix Multiplication  
[http://www.mathplayground.com/ASB\\_GrandPrixMultiplication.html](http://www.mathplayground.com/ASB_GrandPrixMultiplication.html)
- Extra practice for place value and money  
[http://www.eduplace.com/kids/mw/practice/3/ep3\\_01.html](http://www.eduplace.com/kids/mw/practice/3/ep3_01.html)

### Knowing Numbers

Write  $>$ ,  $<$ , or  $=$ .

1.  $52 \text{ } \textcircled{>} \text{ } 23$

2.  $81 \text{ } \textcircled{\quad} \text{ } 96$

3.  $23 \text{ } \textcircled{\quad} \text{ } 32$

4.  $32 \text{ } \textcircled{\quad} \text{ } 12$

5.  $50 \text{ } \textcircled{\quad} \text{ } 70$

6.  $48 \text{ } \textcircled{\quad} \text{ } 27$

7.  $138 \text{ } \textcircled{\quad} \text{ } 192$

8.  $217 \text{ } \textcircled{\quad} \text{ } 184$

9.  $129 \text{ } \textcircled{\quad} \text{ } 93$

10.  $645 \text{ } \textcircled{\quad} \text{ } 645$

11.  $705 \text{ } \textcircled{\quad} \text{ } 792$

12.  $586 \text{ } \textcircled{\quad} \text{ } 986$

## Making 100

Show the missing value to make 100.

1.  $100 = 99 + \underline{\quad}$

2.  $100 = 92 + \underline{\quad}$

3.  $100 = 50 + \underline{\quad}$

4.  $100 = 25 + \underline{\quad}$

5.  $100 = 44 + \underline{\quad}$

6.  $100 = 20 + \underline{\quad}$

7. Which is a correct addition pair for 100?

a.  $45 + 55$

b.  $30 + 60$

c.  $64 + 46$

8. Which is NOT a correct addition pair for 100?

a.  $98 + 2$

b.  $87 + 23$

c.  $66 + 34$

9. Tamiko wanted 100 trading cards. She had 55 cards. Write a number sentence that Tamiko could use to help her figure out how many more cards she needs.

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## Missing Numbers

Find the missing number that makes each number sentence true.

1.  $43 + \underline{\quad} = 65$

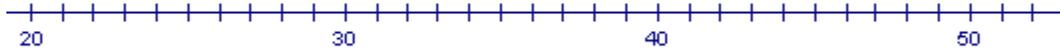
2.  $54 + \underline{\quad} = 76$

3.  $67 + \underline{\quad} = 89$

4.  $35 + \underline{\quad} = 98$

## Using Number Lines

1. Find the distance between 31 and 44 on a number line.



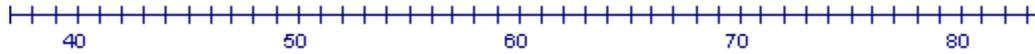
a. 15

b. 14

c. 13

\_\_\_\_\_

2. How far is it on the number line from 54 to 68? \_\_\_\_\_





Summer Math Program  
Entering Third Grade  
Week 6



**Fast Facts**

See how many you can do in one minute!

63	44	37	38	58	87	33
<u>+ 28</u>	<u>+ 37</u>	<u>+ 25</u>	<u>+ 28</u>	<u>+ 17</u>	<u>+ 10</u>	<u>+ 29</u>

43	27	76	63	49	91	65
<u>- 11</u>	<u>- 18</u>	<u>- 53</u>	<u>- 18</u>	<u>- 36</u>	<u>- 30</u>	<u>- 56</u>

**Problem Solving**

**Solve.** Show your thinking by explaining or drawing a picture.

1. Glen has 3 packs of baseball trading cards with 10 cards in each pack. He has 4 packs of football trading cards with 10 cards in each pack. How many trading cards does he have in all?

\_\_\_\_\_ trading cards

2. There are 10 pencils in each box. Mr. Lewis buys 2 boxes of colored pencils and 6 boxes of plain pencils. How many pencils does Mr. Lewis buy in all?

\_\_\_\_\_ pencils

3. The school lunchroom has 97 peanut butter and jelly sandwiches ready. All but 5 of the sandwiches are eaten. How many sandwiches are eaten?

\_\_\_\_\_ sandwiches

4. Mary saved \$5.60 in a week. The next week she saved \$1.20. How much money did she save altogether?

\$\_\_\_\_\_

5. The Wildcats scored 63 points in the game. But they only scored 27 points in the first half. How many points did the Wildcats score in the second half?

\_\_\_\_\_ points

6. There were 63 pumpkins in a pumpkin patch. Wanda picked 19 of the pumpkins. How many of the pumpkins were left in the patch?

\_\_\_\_\_ pumpkins

## **Web Links**

*Try these web sites for additional practice and interactive learning!*

- Making Change  
[http://www.mathplayground.com/making\\_change.html](http://www.mathplayground.com/making_change.html)
- Extra practice for numbers, operations, multiplication, and division  
[http://www.eduplace.com/kids/mw/practice/2/ep2\\_08.html](http://www.eduplace.com/kids/mw/practice/2/ep2_08.html)

## Excellent Estimation

Estimate the sums by rounding the numbers to the nearest hundred first and then adding them together. Don't forget to show your work!

# Estimate the Sum

$$\begin{array}{r} 210 \rightarrow 200 \\ +378 \rightarrow +400 \\ \hline 600 \end{array}$$

$$\begin{array}{r} 128 \rightarrow \\ +413 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 684 \rightarrow \\ +245 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 321 \rightarrow \\ +518 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 467 \rightarrow \\ +376 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 850 \rightarrow \\ +105 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 941 \rightarrow \\ +223 \rightarrow + \\ \hline \end{array}$$

$$\begin{array}{r} 754 \rightarrow \\ +285 \rightarrow + \\ \hline \end{array}$$



## **Exciting Extras**

The following resources are to help your mathematician with fractions and math fluency. Please use the fraction strips (last page) to compare fractions (e.g.,  $\frac{3}{4}$  is bigger than  $\frac{1}{2}$  but smaller than  $\frac{5}{6}$ ), find equivalent fractions (e.g.,  $\frac{5}{10}$  is equal to  $\frac{1}{2}$  which is equal to  $\frac{3}{6}$ ), and for familiarity with how big or little fractions are relative to one whole. The link below takes you to a website for age-appropriate flashcards you can print and use to practice math fluency. Enjoy!!

[http://www.helpingwithmath.com/resources/oth\\_flashcards.htm](http://www.helpingwithmath.com/resources/oth_flashcards.htm)

# Fraction Strips

1 Whole

$\frac{1}{2}$

$\frac{1}{2}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{4}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{5}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{6}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{8}$

$\frac{1}{10}$

$\frac{1}{12}$



Summer Math Program  
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Week 7



**Fast Facts**

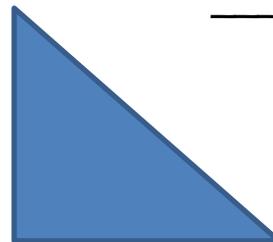
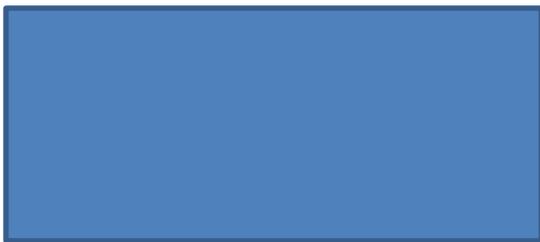
See how many you can do in one minute!

$\begin{array}{r} 48 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 21 \\ \hline \end{array}$	$\begin{array}{r} 54 \\ + 28 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ + 30 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 17 \\ \hline \end{array}$	$\begin{array}{r} 52 \\ + 52 \\ \hline \end{array}$
$\begin{array}{r} 63 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 8 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 72 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 48 \\ - 24 \\ \hline \end{array}$

**All About Area**

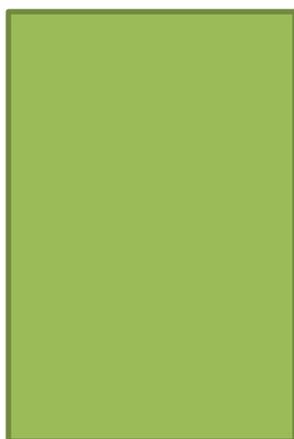
Answer the following questions about area.

1. Sara used a triangular chip shaped like the one below to find the area of this rectangle. How many triangles will fit into the rectangle? (You may trace the triangle and use the tracing to measure.)



\_\_\_\_\_ triangles

2. Mr. James wants to put a new tile floor in the entryway of his store. How many tiles will be needed to fill his entryway?



Entryway



Tile

\_\_\_\_\_ tiles

# GEOMETRY

1. Joe draws a shape that has 4 sides and 4 angles. What shape did he draw?

\_\_\_\_\_ Draw the shape below.

2. What shape is this?



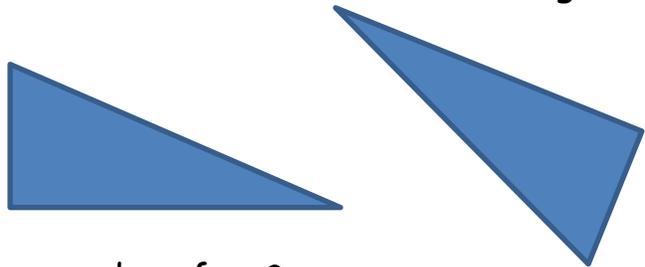
\_\_\_\_\_

3. How many sides and angles does a triangle have? Draw one below.

\_\_\_\_\_ sides \_\_\_\_\_ angles

4. What is the name of the shape that is created when these two triangles are put together along their long edges?

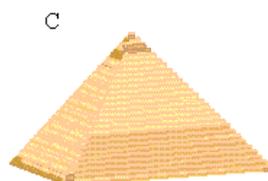
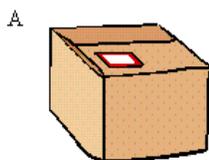
\_\_\_\_\_



5. Which of the following would have a curved surface?

- a. Cardboard box
- b. Soup can
- c. Stop sign

6. Which shape has a curved surface?



# STORY PROBLEMS

1. Mindy has a collection of 342 shells. Ned gives her 39 shells. How many shells does she have in all?



2. A package has 362 red lettuce seeds. Another package has 419 green lettuce seeds. How many seeds are in both packages?



3. A box can hold 340 crayons or 125 markers. How many more crayons than markers can the box hold?



4. Ms. Lee's class collects 562 cans of food. Mr. Ramsey's class collects 247 cans. How many more cans does Ms. Lee's class collect than Mr. Ramsey's class?



## Web Links

*Try these web sites for additional practice and interactive learning!*

- Math Fact Practice!

<http://www.playkidsgames.com/games/mathfact/mathFact.htm>

- e-learning For Kids

<http://www.e-learningforkids.org/courses.html#math>



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Week 8



**Fast Facts**

See how many you can do in one minute!

$\begin{array}{r} 34 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ + 10 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ + 35 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ + 49 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ + 43 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 48 \\ \hline \end{array}$
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$\begin{array}{r} 67 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 10 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ + 85 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 50 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 55 \\ - 31 \\ \hline \end{array}$
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**Measurement**

Answer the following questions about measurement.

Super Shoes, a shoe store in town, was getting a new display case for the front window. Each of the shoes to be displayed was measured. Answer the following questions using the data below.



**Kicker**  
17 cm



**Soccer Star**  
24 cm



**Golf Gem**  
30 cm



**Hi-Bop**  
22 cm

1. What is the combined length of the Soccer Star and the Hi-Bop? \_\_\_\_\_

2. How much longer is the Golf Gem than the Kicker? \_\_\_\_\_

3. If the display case is 90 cm in length, will all four shoes fit? Explain your thinking. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# MONEY, MONEY, MONEY!

What is the value of each set of coins?

1.



2.



3.



4.



Read the following amounts of money aloud to someone older than you.

1. \$0.98

2. \$1.05

3. \$5.55

4. \$0.08

5. \$1.10

Add or subtract.

1. \$2.50 + 60 cents \_\_\_\_\_

2. \$3.45 - 25 cents \_\_\_\_\_

3. \$4.89 + 2 dollars \_\_\_\_\_

# PICTOGRAPHS

1. Use the table to make a pictograph. Draw 1  for every 2 balls.

Balls in Box		
tennis balls 	baseballs 	soccer balls 

Balls in Box	
tennis balls	
baseballs	
soccer balls	
Key: Each  stands for 2 balls.	

Use the information in the pictograph to solve.

2. How many more tennis balls are there than soccer balls?

\_\_\_\_\_ rubber balls

3. If 2 baseballs get lost, how many  will you take away? \_\_\_\_\_

## Web Links

*Try these web sites for additional practice and interactive learning!*

- Math Live

<http://www.learnalberta.ca/content/me5l/html/math5.html>

- Learn Your Tables

<http://www.learnyourtables.co.uk/>



Summer Math Program  
Entering Third Grade  
Week 9



**Fast Facts**

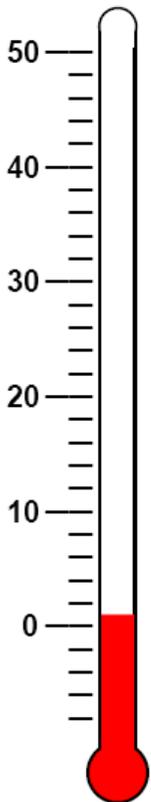
See how many you can do in one minute!

$$\begin{array}{r} 23 \\ - 21 \\ \hline \end{array} \quad \begin{array}{r} 89 \\ - 70 \\ \hline \end{array} \quad \begin{array}{r} 37 \\ - 23 \\ \hline \end{array} \quad \begin{array}{r} 70 \\ - 39 \\ \hline \end{array} \quad \begin{array}{r} 62 \\ - 16 \\ \hline \end{array} \quad \begin{array}{r} 72 \\ - 25 \\ \hline \end{array} \quad \begin{array}{r} 71 \\ - 27 \\ \hline \end{array}$$

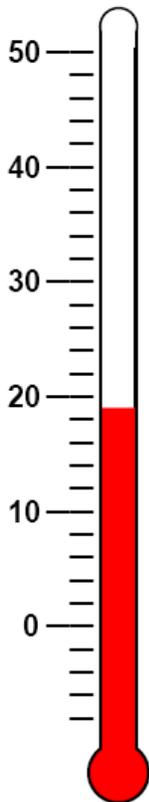
$$\begin{array}{r} 77 \\ + 39 \\ \hline \end{array} \quad \begin{array}{r} 13 \\ + 25 \\ \hline \end{array} \quad \begin{array}{r} 39 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 67 \\ + 14 \\ \hline \end{array} \quad \begin{array}{r} 75 \\ - 15 \\ \hline \end{array} \quad \begin{array}{r} 24 \\ - 22 \\ \hline \end{array} \quad \begin{array}{r} 88 \\ - 36 \\ \hline \end{array}$$

**Reading a Thermometer**

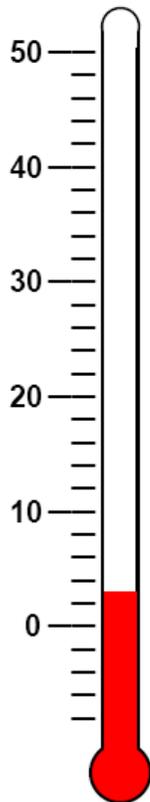
Write the temperature for each thermometer.



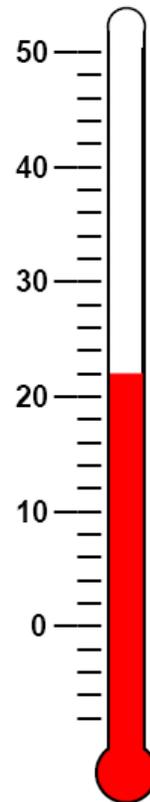
\_\_\_\_\_ F



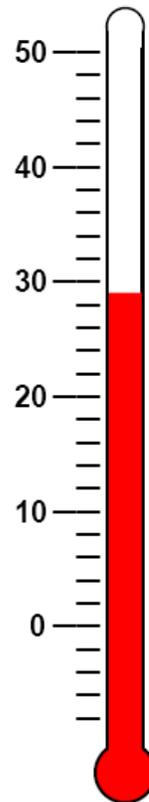
\_\_\_\_\_ F



\_\_\_\_\_ F



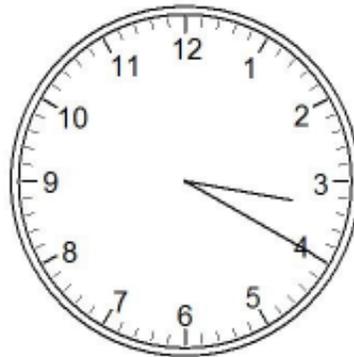
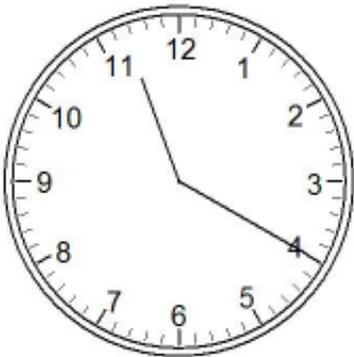
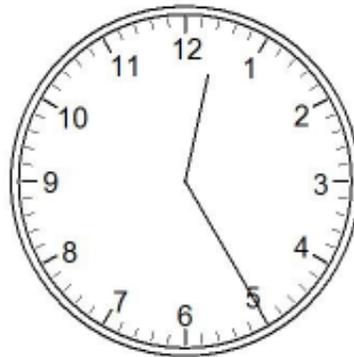
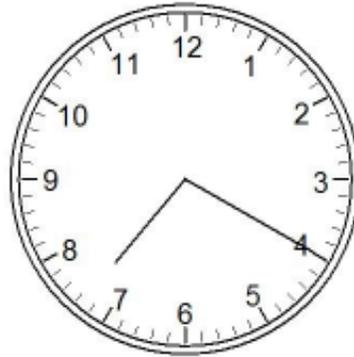
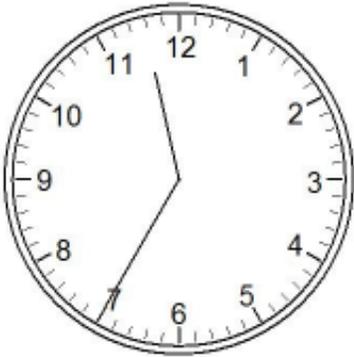
\_\_\_\_\_ F



\_\_\_\_\_ F

# AROUND THE CLOCK

Write the time next to each clock.



Tell what time it will be in one half-hour from each given time.

1. 12:00 \_\_\_\_\_

2. 4:30 \_\_\_\_\_

3. 5:15 \_\_\_\_\_

4. 8:45 \_\_\_\_\_

# MISSING NUMBERS

Find the value for the symbol or letter in each number sentence.

1.  $22 + \text{😊} = 42$        $\text{😊} = \underline{\hspace{2cm}}$

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

3.  $53 + m = 100$        $m = \underline{\hspace{2cm}}$

4.  $n - 30 = 66$        $n = \underline{\hspace{2cm}}$

5.  $72 + h = 90$        $h = \underline{\hspace{2cm}}$

## Web Links

*Try these web sites for additional practice and interactive learning!*

- Bridge Builders  
<http://www.mathplayground.com/FractionGame/FractionGame.html>
- Robo Packer  
[http://www.eduplace.com/kids/mw/swfs/robopacker\\_grade3.html](http://www.eduplace.com/kids/mw/swfs/robopacker_grade3.html)



Summer Math Program  
Entering Third Grade  
Week 10



**Fast Facts**

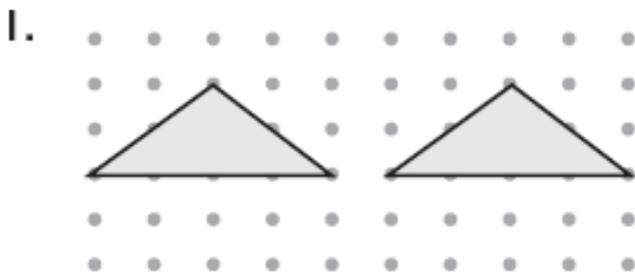
See how many you can do in one minute!

$\begin{array}{r} 72 \\ - 48 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 32 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ - 27 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ + 38 \\ \hline \end{array}$	$\begin{array}{r} 62 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ + 43 \\ \hline \end{array}$
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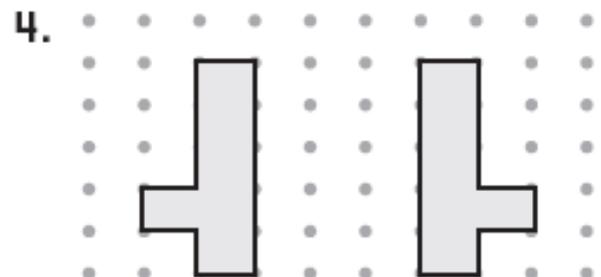
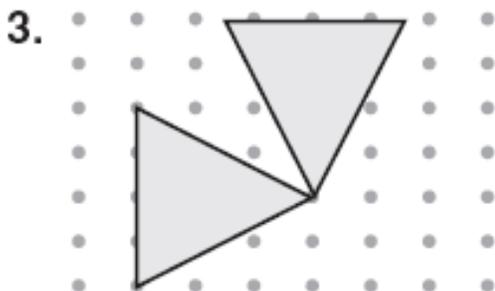
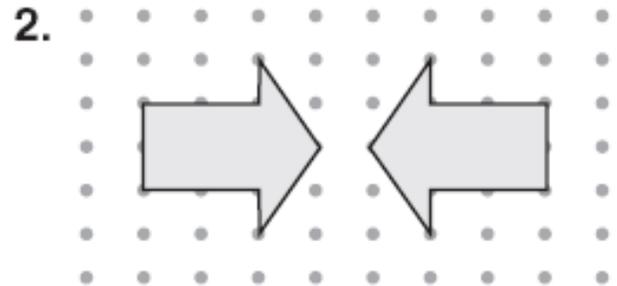
$\begin{array}{r} 61 \\ + 97 \\ \hline \end{array}$	$\begin{array}{r} 95 \\ - 14 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 26 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 59 \\ + 16 \\ \hline \end{array}$	$\begin{array}{r} 81 \\ + 41 \\ \hline \end{array}$
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**Geometry**

On the line below each diagram write "slide", "flip", or "turn" to tell how each shape has been translated or moved.

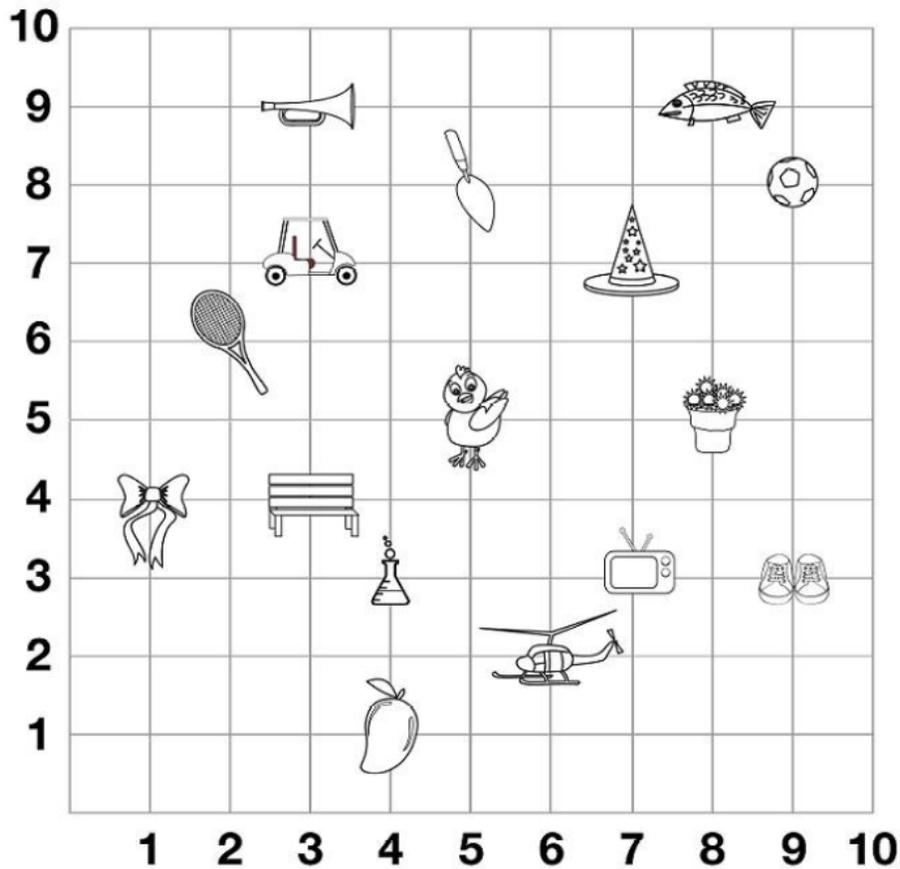


slide



# COORDINATE GRIDS

## Ordered Pairs



Write the ordered pair for each of the objects listed.

example: television - (7,3)

- a. helicopter - \_\_\_\_\_      b. shoes - \_\_\_\_\_      c. pepper - \_\_\_\_\_  
d. wizard's hat - \_\_\_\_\_      e. fish - \_\_\_\_\_      f. golf cart - \_\_\_\_\_

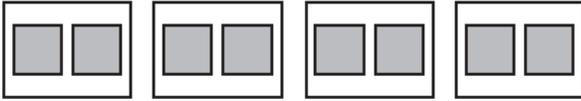
Tell which object is located at each point.

- e. (3,4) - \_\_\_\_\_      f. (2,6) - \_\_\_\_\_      g. (1,4) - \_\_\_\_\_  
h. (5,5) - \_\_\_\_\_      i. (9,8) - \_\_\_\_\_      j. (3,9) - \_\_\_\_\_

# Understanding Multiplication

For each set, fill in the addition and multiplication answers to relate multiplication to repeated addition.

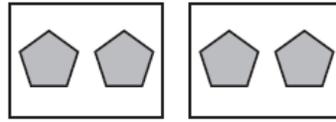
1. 4 groups of 2



$$2 + 2 + 2 + 2 = \underline{8}$$

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

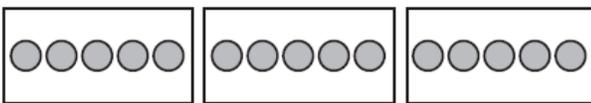
2. 2 groups of 2



$$2 + 2 = \underline{\quad}$$

$$2 \times 2 = \underline{\quad}$$

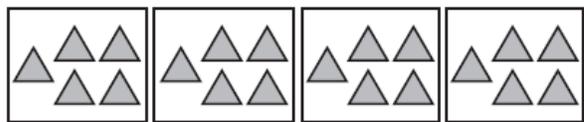
3. 3 groups of 5



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

$$3 \times 5 = \underline{\quad}$$

4. 4 groups of 5



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

$$4 \times 5 = \underline{\quad}$$

Draw a picture and write a multiplication sentence for each repeated addition sentence.

1.  $3 + 3 + 3 = \underline{\quad}$

2.  $4 + 4 = \underline{\quad}$

## **Web Links**

*Try these web sites for additional practice and interactive learning!*

- Cool Math

<http://www.coolmath.com/>

- Primary Games

<http://www.primarygames.com/math.php>