Getting Ready for 4th Grade Summer Practice Booklet Math, Common Core

Name _____

1. Find which tens the number is between.

    56 is between _____ and _____.

    56 is closer to _____ than it is to _____.

    56 rounded to the nearest ten is _____.

2. Find which hundreds the number is between.

    494 is between _____ and _____.

    494 is closer to _____ than it is to _____.

    494 rounded to the nearest hundred is _____.

3. The table below shows how many field trips are planned for the science center this week.
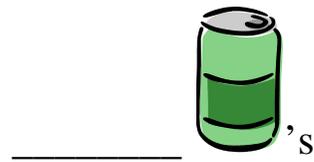

Field Trips This Week

Day	Number of Students
Monday	346
Tuesday	518
Wednesday	449
Thursday	608

How many students are going on fieldtrips on Wednesday and Thursday? _____

4. Use addition properties or strategies to find the sum.

   13 + 28 + 37 = _____ + _____ + _____ = _____

5. Sam collected 451 cans for recycling. Payton collected 229 fewer cans than Sam. How many cans did Payton collect? Show your thinking!

   _____ 's

6. Eva kept track of the number of books she read each month for nearly a year. Use the line plot below to determine the most common number of books Eva read per month.

```
                    X
              X     X
        X     X     X
        X  X  X  X  X
        +--+--+--+--+--+
        5  6  7  8  9
```
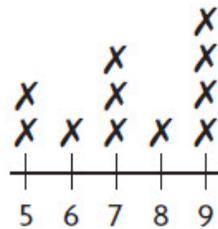
   Number of Books Read   _____ books per month

7. The chart below shows the heights of students in Mrs. Kirby's two classes. How many more boys than girls are in her classes?

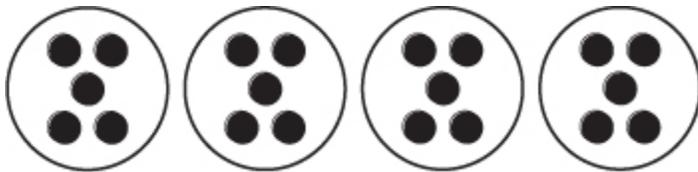| Student Heights		
Height in Inches	Tally	
	Boys	Girls
43							
44	ⅢⅡ	||||
45	Ⅲ	Ⅲ |||
46	Ⅲ	|||
47						

   _____ more boys

8. Mr. Oak's separated his class into 4 groups. There are 6 students in each group. How many students are in Mr. Oak's class?

students

9.   Molly had 20 pictures to display at an art show. She wants to arrange them into 4 groups of the same size.

How many pictures should Molly put in each group? _____

10. A car dealer arranged 18 cars into equal rows. Show another way the dealer could arrange the cars in equal rows.

11. Solve for the missing number.

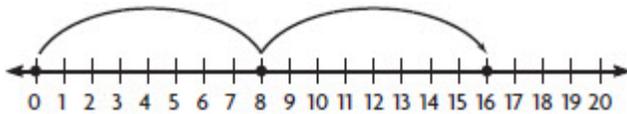$7 \times \underline{\quad} = 49$ $\underline{\quad} \times 8 = 56$ $9 \times 6 = \underline{\quad}$

$81 \div \underline{\quad} = 9$ $72 \div 9 = \underline{\quad}$ $\underline{\quad} \div 6 = 6$

12. What multiplication sentence is shown by this number line?

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

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

13. A multiple of 10 is any product that has 10 as one of its factors. Tickets to the aquarium are $10 each. Using multiples of 10, what would 12 tickets to the aquarium cost?

$ \underline{\quad\quad\quad}

14. The Distributive Property states that multiplying a sum by a number is the same as multiplying each addend by the number then adding the products.
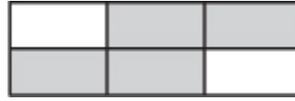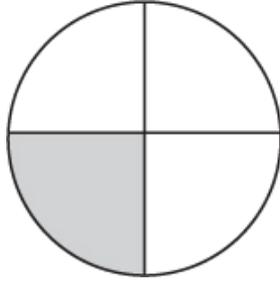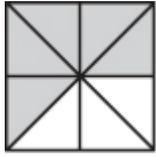
$6 \times 7 = 6 \times (5 + 2)$

$6 \times 7 = (6 \times 5) + (6 \times 2)$

$6 \times 7 = \underline{\quad\quad} + \underline{\quad\quad}$

$6 \times 7 = \underline{\quad\quad\quad}$

15. Compare with <, >, or =.

3 x 9 ◯ 4 x 6   5 x 8 ◯ 7 x 5

16. Find the unknown factor.

3 x 6 = k x 9   k = _____

9 x d = 70 + 2   d = _____

8 x a = 60 – 4   a = _____

17. Write a division equation for the picture.

_____ ÷ _____ = _____

18. A concert auditorium seats 8 per row and 72 per section. How many rows
     are there in a section?

_____ rows per section

19. What fraction names the shaded portion of these shapes?

_____   _____   _____

20. Micah went grocery shopping. He had 12 fruits to choose from. One fourth of them were citrus fruits. How many of the 12 fruits were citrus?
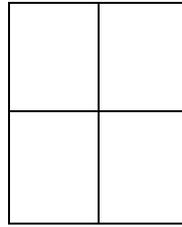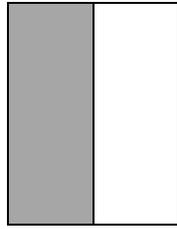
_____ fruits

21. How many sixths make a whole?   _____

1/6	1/6
1/6	1/6
1/6	1/6

22. Point A is what fraction on the number line?   _____

0   1

| $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ | $\frac{1}{6}$ |

$\frac{0}{6}$ A $\frac{2}{6}$ $\frac{3}{6}$ $\frac{4}{6}$ $\frac{5}{6}$ $\frac{6}{6}$
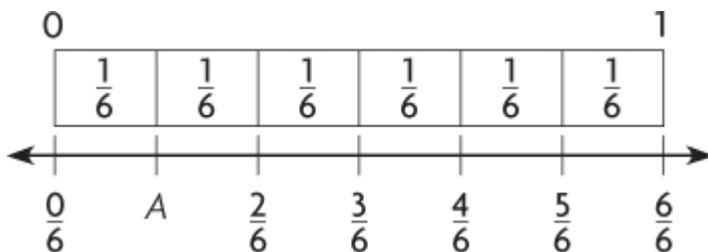
23. Shade the model to find the equivalent fraction.

$$\frac{1}{2} \quad = \quad \underline{\quad\quad}$$

24. Mrs. Glass finished her one hour morning workout at the time shown on the clock. What time did Mrs. Glass begin her workout? Be sure to include A.M. or P.M.

_____

25. Music class starts at 1:20 P.M. It's fifty-five minutes long. At what time does music class end?   Show your thinking!

_____

26. Patty measured the length of six ribbons. The longest was 4 inches and the shortest was 1 inch. The others measured either 1 ½ or 2 ½ inches, with the same number of each of the two lengths. Show the six lengths on the line plot below.

```
  +    +    +    +    +    +    +    +    +
  0    ½    1    1½   2    2½   3    3½   4
```
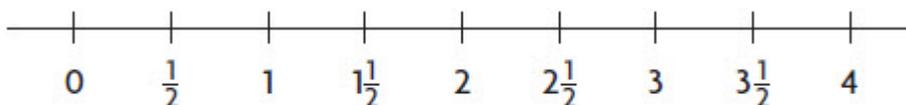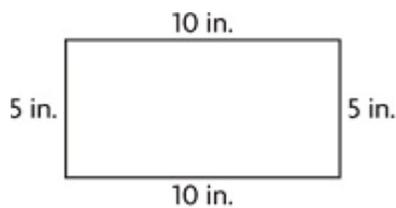
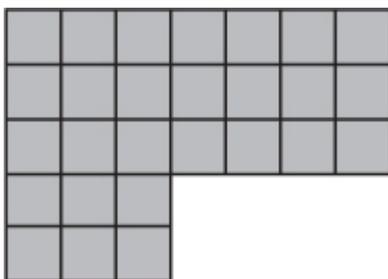**Length of Ribbons Measured to the Nearest Half Inch**

27. Jozi fills her bathtub with water. Is the amount of water a bathtub holds less than 1 liter, more than one liter, or about one liter?

_____

28. What is the perimeter of this rectangle? _____

```
        10 in.
      _____
     |                |
5 in.|                |5 in.
     |_____|
        10 in.
```
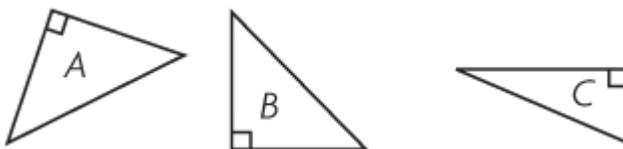
29. Below is the floor plan of a park shelter house. What is the area of the shelter house in square units?

_____ square units

30. How are triangles A, B, and C alike and how are they different?

_____

_____

Electronic Resources for Parents and Students:

http://www-k6.thinkcentral.com

Go Math! Houghton Mifflin Harcourt Online Resource Link with access to animated models, math games, math textbook, e-Glossary, etc.

http://pta.org/parents/content.cfm?ItemNumber=2583&RDtoken=51120&userID

The PTA's Parents' Guide to Student Success (in English and Spanish) was developed in response to the Common Core State Standards The Guide includes key items that children should be learning and activities that parents can do at home to support their child's learning.

http://www.sumdog.com

A variety of games focusing on Common Core math standards, progressing in level of difficulty as students show mastery, is a sure hit! Your student may already have a login!

http://kids.search.aol.com/search?q=kindergarten+math

AOL Math support with a variety of games to assist with computation skills.

https://www.xtramath.org

Free web based math fluency program with regular progress reports sent to parents/teachers.

http://www.amathsdictionaryforkids.com/dictionary.html

Fun on-line math dictionary for students and also has over 250 printable materials for parents!

https://www.pbskidsplay.org/playnow/?CPLAYSM&btn=1

Hundreds of free interactive games based on national standards.

These resources and learning links will be available through a Symbaloo Parent Portal link on the WCS website soon!   In the meantime, click these live links to explore the fun!

Number and Operations in Base Ten Learning Links
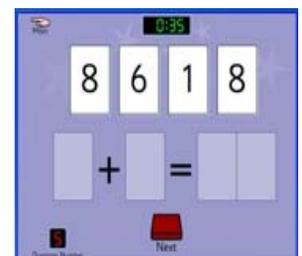

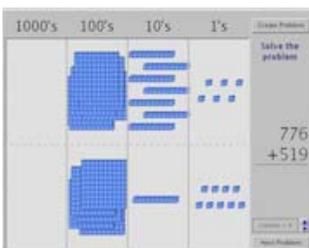Make Combinations of Ten

Even or Odd
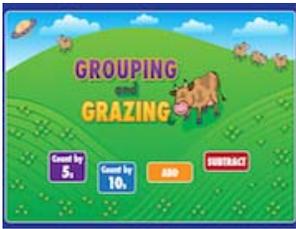

Equal or Not Equal

Sum Sense

Adding and Subtracting with Base Ten Blocks

Comparing fractions

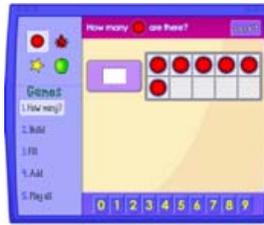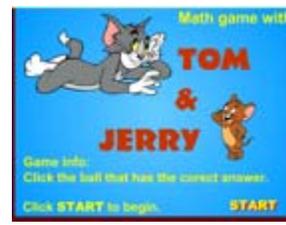# Operations and Algebraic Thinking Learning Links

Ten Frames   Tom and Jerry Addition

Grouping in 5's and 10's   Subtraction Machine
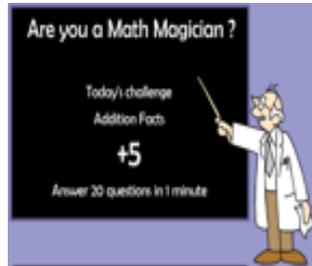
Ghost Blasters 2

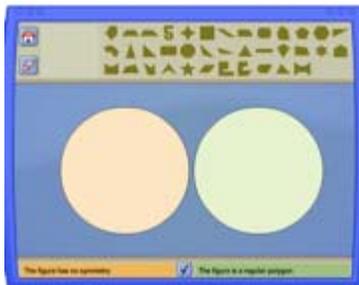Math Magician   Practice Division   Missing Operations

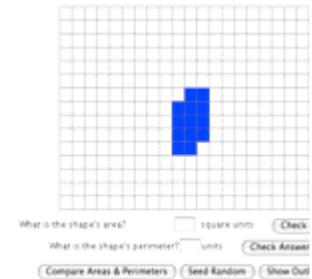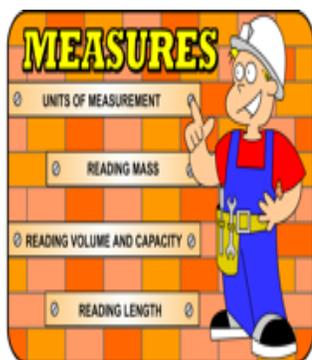# Measurement and Geometry Learning Links

Shape Sorter   Quadrilateral Properties

Perimeter and Area   Perimeter and Area

Multiple Measures

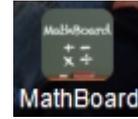Identify Time to the 1/2 Hour   Solid Figures

Elapsed Time

Enrichment Learning Links

Identify Fractions

Target Number

Making Numbers

Target Sum

Making Change

Algebra Puzzle

Balance Equations

Number Sequencing

Function Table

Math iPad Apps for Grades 3-4

My First Tangrams
http://ar-entertainment.net/learning

MathBoard

Calculator

Simply Multiplication for iPAD

Animals Counting Writing Game Free Lite HD - for iPAD

Digitron

Math Attack

Adventures UnderSea Subtraction HD Free Lite
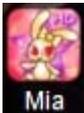
Mia's Playground

Math Adventures: Number Find

ACE Multiply

Calc Shoot Lite

SAS Flash Cards

Calculator

Math Circus

Base Ten Number Blocks