University School of the Lowcountry

Intermediate School Summer Math

4th grade math is going to be AMAZING! Let's make sure you're set-up for success from the very start. Practice all of your math facts over the summer! Mastery of facts allows us to dive into higher level concepts I am going to introduce in 4th grade.

- Addition and subtraction "fact families" through 20.
  For example, students should know that: 6 + 14=20, 14+6=20, 20-14=6, and 20-6=14.
- Multiplication and division "fact families" through 10.
  For example, students should know that 7x9 =63, 9x7=63, 63÷7 =9, and 63÷9 = 7.

Resources:

Flash Cards are great for road trips!

Printables: [Multiplication Worksheets](#)   [Math Worksheets](#)

Websites:

[Khan Academy](#)   [Math Mammoth](#)
[Quizlet](#)   [XtraMath](#)
[Academic Skill Builders](#)   [Fact Monster](#)
[Math Playground](#)   [Math Games](#)
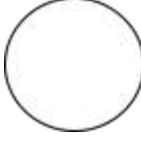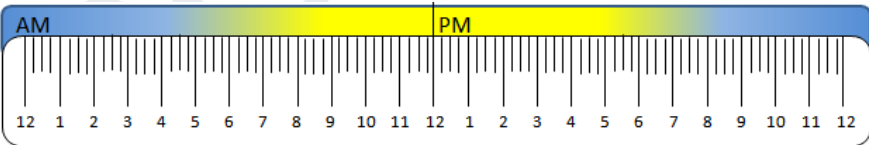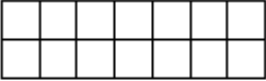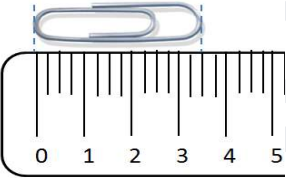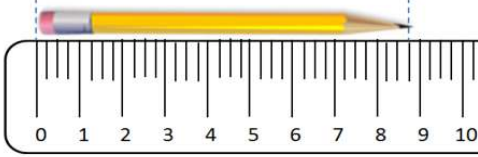
Apps:
Mental Math Cards Games & Tips
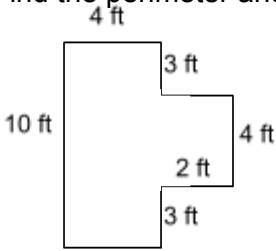7 Minute Math Genius

Order the numbers from greatest to least.

765   567   655

Round each number to the nearest 10 and 100.

	10	100
488		
545		
953		

At the rug store there are 683 rugs. This weekend 389 rugs were sold, how many rugs do they now have?

There is 48 ounces of orange juice in the pitcher. 6 people are going to share the orange juice. How many ounces of juice will each person receive?

Find the product.

11 x 5 = _____   6 x 8 = _____

$$\begin{array}{r} 3 \\ \times\ 8 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ \times\ 5 \\ \hline \end{array}$$
$$\begin{array}{r} 8 \\ \times\ 8 \\ \hline \end{array}$$

Find the quotient.

63 ÷ 7 = _____   22 ÷ 11 =_____

54 ÷ 6 = _____   40 ÷ 8 = _____

What are the attributes of the shape below?

Draw a fraction that is equivalent to 1/6.

Compare the fractions using >, <, or =.

$$\frac{5}{6} \bigcirc \frac{5}{12}$$

Bill is eating a bowl of cereal. The cereal has a mass of 105 grams. The bowl has a mass of 440 grams. What is the total mass of his cereal and bowl?

Kristin started cooking dinner at 4:35pm. It took her 1 hour and 25 minutes to finish. What time did she finish?

AM   PM

12 1 2 3 4 5 6 7 8 9 10 11 12 1 2 3 4 5 6 7 8 9 10 11 12

What is the perimeter of the rectangle below?

What is the area?

Find the perimeter and area.

4 ft
3 ft
10 ft
4 ft
2 ft
3 ft

Write the number 328 in each form. Word: Expanded:	Kevin has 382 toy cars in his collection. Rounded to the nearest hundred, how many toy cars does Kevin have?
In a field, there are 589 daisies and 485 dandilions. How many flowers are there altogether?	On her birthday, Martha received 6 boxes of chocolates. Each box of chocolates has 12 pieces inside. How many pieces of chocolate does Martha have?
Find the product. 7 x 7 = _____ 9 x 12 = _____ 6 7 6 x 7 x 4 x 6	Find the quotient. 30 ÷ 5 = _____ 32 ÷ 8 = _____ 36 ÷ 9 = _____ 84 ÷ 12 = _____
Draw a shape with 2 sets of parallel sides and no right angles.	Fill in the missing number. $$\frac{12}{4} = \boxed{}$$
Compare the fractions using >, <, or =. $\frac{1}{3}$ ◯ $\frac{1}{8}$	Joshua has an eraser that has a mass of 5 grams, a pencil grip with a mass of 8 grams, and a pencil with a mass of 28 grams. What is the total mass of all the items?
What is the length of the paper clip?	What is the length of the pencil?

Luis took 2 hours and 20 minutes to complete his yard work. He finished at 1:15pm. What time did he start his yard work?

Multiplying and dividing: What is the fact family for: 3, 9, 27? / = division _____ X _____ = _____ _____ X _____ = _____ _____ / _____ = _____ _____ / _____ = _____	Multiplying and dividing: What is the fact family for: 4, 8, 32? / = division _____ X _____ = _____ _____ X _____ = _____ _____ / _____ = _____ _____ / _____ = _____
Multiplying and dividing: What is the fact family for: 6, 7, 42? / = division _____ X _____ = _____ _____ X _____ = _____ _____ / _____ = _____ _____ / _____ = _____	Multiplying and dividing: What is the fact family for: 6, 8, 54? / = division _____ X _____ = _____ _____ X _____ = _____ _____ / _____ = _____ _____ / _____ = _____
Find the perimeter of the rectangle. 9 cm 4 cm What is the area?	The perimeter of an equilateral triangle is 15 inches. What is the length of each side?
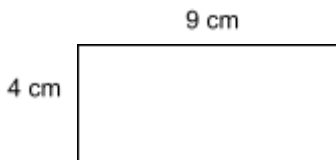
You have 14 small stickers on your desk. The chart below tells you the length of each sticker. Create a line plot to show the lengths of all stickers.

length	Tally
1/4 in	I I I I
1/2 in	I I I I I
3/4 in	I I
1 in	I I I I

¼   ½   ¾   1