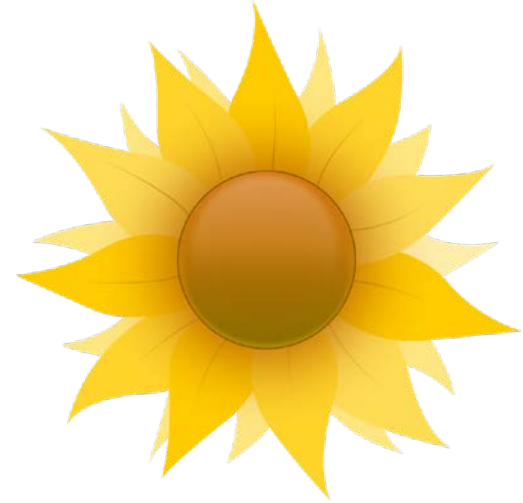**Summer Math Activities**
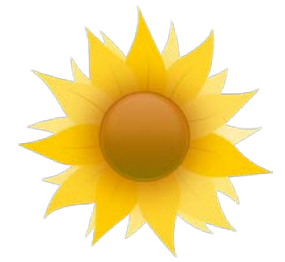**For Students Entering Grade 5**

In this packet you will find a calendar of fun math activities for July and August. This calendar is meant to provide you with ideas to help you and your child keep thinking about math. These activities are optional. You may choose to do as many activities as you would do each day, and you may do them in any order that you would like. Don't forget to have your child practice their multiplication facts using fun games and activities. The key is to enjoy math! We can't wait to see you in the fall!

Don't forget to keep enjoying DreamBox over the summer!
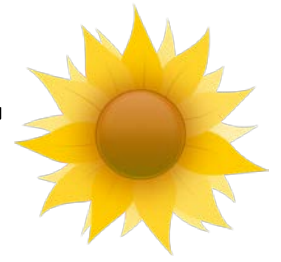
5TH GRADE SUMMER MATH   JULY

NAME:

Check off the boxes you have completed. Keep using **DreamBox**!

Imagine you have a pile of dimes that equals $2.70. How many dimes do you have? If the $2.70 is all pennies, how many pennies are there?	Play **DreamBox** for at least 20 minutes. How many tokens did you earn?	Draw an array for 16 x 4. Write the division facts that are part of this fact family. Write a word problem for this fact.	Cut out a graph from a newspaper or magazine. Write a problem and have an adult solve it.	Practice your math facts on the computer or with a friend.
Create two 4-digit numbers using the following numbers: 3, 5, 7, and 8 so you get the largest possible difference.	Weigh yourself on a scale. If someone else weighs 200 pounds, how much more do they weigh than you do? Write an equation.	List the names of 8 kids (including yourself).What fraction is going into 5th grade? Now write two fractions that are equivalent.	Play **DreamBox** for at least 20 minutes. How many tokens did you earn?	There are 24 hours in a day and 60 minutes in an hour. How many minutes are in a day?
Josa's coach told her she should drink 4 gallons of water every week. How many 8 oz glasses of water should she drink each week?(Hint: 1 gallon = 128 oz)	Ask an adult when they recently used estimation. Record their story in a math journal.	Find 5 fractions equivalent to ½. Use pictures to show how you are correct.	Plan a meal for yourself on a takeout menu. Record what you would eat, the price of each item, and the total cost.	Find a recipe for a favorite food such as chocolate chip cookies. Write down the fractions and mixed numbers in order from least to greatest.
Play **DreamBox** for at least 20 minutes. How many tokens did you earn?	Ask an adult to show you the odometer in a car and record the mileage. What does the last number that moves so quickly count?	Research the high and low temperature for today. What is the difference between these two temperatures?	Count the number of computers and phones you have at home. Tell as much as you can about the number - odd, even, prime, composite multiples ETC	If you and three friends go to the Mall and spend $132.40 in all, how much will each of you pay? Use a picture to show your work

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5TH GRADE SUMMER MATH   AUGUST

NAME:

Check off the boxes you have completed. Keep using **DreamBox**!

Write and solve a summer story problem for 135 x 8 = .	Find 5 fractions equal to ⅓. Use pictures to show how you are correct.	With your parent's help, select a recipe that uses fractions. Make it.	Make a list of places that you think are about 1 mile from your house. Make a list of places you think are 10 miles away.	If vowels cost $15 each and consonants cost $50 each, think up a word that would cost $230 to build.
List 5 different combinations of coins that would equal 75 cents. Can you list *all* of the combinations?	Ask an adult to share a road map with you, or find one on-line. What is the scale for that map? What place is about 60 miles away?	List 10 different combinations of two 2-digit numbers that equal 100.	The decimal .75 equals the fraction ¾. Think about money. Why does that make sense? Write about it.	Play **DreamBox** for at least 20 minutes. How many tokens did you earn?
If a movie costs $7.25, popcorn costs $2.75 and a drink costs $1.85, ABOUT how much should you bring to the movie theater for 5 people?	Jump forward as far as you can and record your jump in both inches and centimeters.	Record the time the sun will set this evening. What time was it 2 hours and 3 minutes earlier?	Symmetry is all around us in nature and in our home. Find 5 items that have at least one line of symmetry.	Find the starting time of a movie. If it takes you 20 min. to drive to the theater and 25 min. to get your ticket and popcorn, what time should you leave your home in order to be seated 10 min.before the movie begins?
Draw a clock to show the time you got up and another clock to show when you had lunch. How much time elapsed?	Find today's sunrise and sunset in the newspaper or online. How many hours and minutes of sunlight were there today?	Play **DreamBox** for at least 20 minutes. How many tokens did you earn?	Make a list of snacks you would want for a sleepover with your friends. Price the items at the grocery store or in newspaper ads. Estimate to the nearest dollar the cost of the snacks.	Aaron is planting a garden in his backyard. The length of the garden is 6 feet and width is 9 feet. What is the area of the garden? What is the perimeter of the garden?

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Grade 5 Math Ideas

Cool Math Books to Read:

Fraction Fun by David Adler

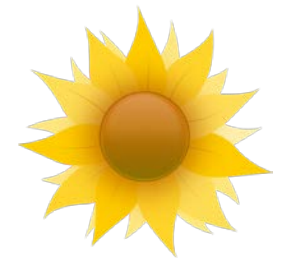How Much is a Million? by David Schwartz

Math for All Seasons by Greg Tang

Grandfather Tang's Story: A Tale Told with Tangrams by Ann Tompert

A Million Fish, More or Less by Patricia McKissack

The Grapes of Math by Greg Tang

The Best of Times by Greg Tang

Great Websites to Use:

[DreamBox](#)

[Multiplication by Heart (math fact practice)](#)

[Greg Tang Math](#)

[Xtra Math (math facts practice)](#)

[Math Playground](#)

[ABCya](#)

[Fun Brain Math Zone](#)

Great Apps to use

Sushi Monster

Slice Fractions

Math Ninja

Chicken Coop Fractions

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