

NAME: _____

TEACHER: _____



SUMMER MATH MENU

ENTERING GRADE 5



July				
Directions: Choose an activity. Find the directions or resources for that activity when you click on it and select the bookmark or by scrolling below. Consider setting a goal for how many you will complete each month. Shade in the box once you have completed an activity. Return your menu to your fifth grade teacher.				
Fix It Fractions	Let's Go On a Road Trip	Fact Fluency Fun Partner Game	Fraction Fun Baking	Write and Solve a Multiplication Problem
Measure It!	Fact Fluency Fun Card Game	Notice and Wonder	Decimal Dash	Play a Board Game
Write and Solve a Division Problem	Write and Solve a Two Step Problem	Tape Art	Fact Fluency Fun Online Game	Fact Fluency Fun Card Game
Store Shopping	Fact Fluency Fun Partner Game	Garden Math	Window World	Notice and Wonder
Fact Fluency Fun Online Game	Play a Board Game	Which One Doesn't Belong?	Bend a Straight Line	Splat Activity

NAME: _____

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SUMMER MATH MENU

ENTERING GRADE 5



August

Directions: Choose an activity. Find the directions or resources for that activity when you click on it and select the bookmark or by scrolling below. Consider setting a goal for how many you will complete each month. Shade in the box once you have completed an activity. Return your menu to your fifth grade teacher.

<i>Play a Board Game</i>	Notice and Wonder	Fact Fluency Fun <u>Partner Game</u>	Tape Art	Write and Solve a Multiplication Word Problem
Let's Go On a Road Trip	<i>Decimal Dash</i>	Measure It!	Fact Fluency Fun <u>Partner Game</u>	Block Letter Names
Fact Fluency Fun <u>Card Game</u>	<i>Fraction Fun Baking</i>	Which One Doesn't Belong?	Fact Fluency Fun <u>Online Game</u>	<i>Store Shopping</i>
Window World	Write and Solve a Two Step Problem	Fact Fluency Fun <u>Card Game</u>	Notice and Wonder	Fix It Fractions
Fact Fluency Fun <u>Online Game</u>	<i>Garden Math</i>	Bend a Straight Line	Play a Board Game	Cell Phone Math



SUMMER MATH MENU

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DIRECTIONS AND RESOURCES FOR ACTIVITIES CONTINUED



Write and Solve A Multiplication Problem

Write a problem that involves multiplication. Solve your story problem using equations and math drawings (area model) to show your thinking. Send your problem to a friend. See if your friend can solve it.

Write and Solve A Division Problem

Write a problem that involves division with a remainder. Solve your story problem using equations and math drawings (area model or equal shares drawings) to show your thinking. Identify what the remainder represents. Send your problem to a friend. See if your friend can solve it.

Write and Solve a Two Step Problem

Write a two step word problem that involves more than one operation. Think about what is happening in your house or yard. Remember, word problems are all around us. Solve your story problem using equations and math drawings to explain your thinking. Send your problem to a friend. See if your friend can solve it.

Notice and Wonder

Find a place to Notice and Wonder (A room in your house, a place outside). Write down what you notice and what you wonder. Think like a mathematician. What quantities do you see? What could you count? What could you measure? What relationships do you see? What calculations could you do? Generate as many questions as you can. Take one of the wonders and try to solve it. For example: I notice there are 24 napkins on the kitchen table. I wonder when we will need to get more napkins from the pantry.

Window World

July- What is the total area of the interior windows for one side of your house? Measure using customary and metric units.

August- What is the total area of the interior windows for your entire house? Measure using customary and metric units.

Measure It!

Measure three different distances (such as the length of your driveway). Measure in feet and inches. Then convert the measurements into yards.

[Perimeter Interactive](#) Practice finding perimeter with this interactive.

Play A Board Game

Suggestions: Pay Day, Monopoly, Operation, Mastermind, Yahtzee, Quirkle, Blokus, Gobblet Jr., Rush Hour, Life, Chess, Backgammon and Checkers

Click this link for additional [Games](#) that involve math skills.

Fact Fluency Fun Card Games

Click this Link to fun [Card Games](#).

Fact Fluency Fun Partner Games

[Directions for Multiplication Games- Bump, Dots and Boxes, Bingo, etc](#)

[Game Boards for Bump](#), [Game Boards for Bingo](#) - Multiples of 6

[Game Boards for Dots and Boxes](#), [Game Board for Facts Capture](#)

[24 Game](#)(Instructions and Gameboard)



SUMMER MATH MENU

ENTERING GRADE 5

DIRECTIONS AND RESOURCES FOR ACTIVITIES CONTINUED



Fact Fluency Fun Online Games

[Online Fact Fluency Games](#)

[Division Derby](#)

[Fraction Fluency](#)

[Product Game](#)

[Math Facts Basketball](#)

[Adventure Man Dungeon Dash](#)

Fraction Fun Baking

Find a recipe for cookies, banana bread, etc. Double the recipe. Rewrite the recipe to show the new fractional amounts needed of each item. Check your pantry to see if you have the required amounts necessary. Record how much more is needed of each item to make the recipe.

Tape Art

Watch the video on how to create tape art. You can use crayons or colored pencils instead of paint. [Sticky Tape Art * Masking Tape * How to Make * Art Craft Fun](#) After you complete the tape art look for the following in your art: An Obtuse Angle, Right Angle, Acute Angle, pair of perpendicular lines, pair of parallel lines, Isosceles triangle, scalene triangle, trapezoid, rhombus, and parallelogram.

Bend a Straight Line

Print out the worksheet. Using a ruler, connect the same numbers (connect the 1's, 2's...) in each section. For the dots without numbers, write them in the opposite direction from the previous line. See how you can bend a straight line.

[Worksheet 1](#), [Worksheet 2](#), [Worksheet 3](#)

Let's Go On a Road Trip

Using the [map](#) choose 5 places you decide to visit. The red pen allows you to connect locations and provides information about the distance between locations. For each stop convert the distance from kilometers to meters. How many total meters did you travel? The start and end point of your trip is Boston.

Store Shopping

Select ten items from a store flyer or a store's website. Use estimation to find out about how much the ten items will cost. Then find the total cost of the items. You have a coupon for \$10.25. How much is the total now?

Which One Doesn't Belong?

Try out some of the puzzles on this site. [Which One Doesn't Belong](#) Make one of your own and submit it!

Splat!

Try out these [Splat](#) activities. Make one of your own and have a friend solve it.

Fix It Fractions

Choose 5 fractions (none should be the same, so you cannot choose $\frac{1}{2}$ and $\frac{4}{8}$). Write the fractions out of order. Then write them in order from least to greatest. Explain how you ordered them.

[Double Click Here to Go Back to July](#)

[Double Click Here to Go Back to August](#)



SUMMER MATH MENU

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DIRECTIONS AND RESOURCES FOR ACTIVITIES CONTINUED



Then you can play this ordering fractions game. [Ordering Fractions](#)

Decimal Dash

Choose an activity (like doing 10 jumping jacks, 10 push-ups, or running a short distance). Use a stopwatch (timer on a phone or microwave works) and time yourself doing the activity 3 different times. Record the amount of time it takes to complete the activity each time. Then compare the times. Which time did you do it the fastest? The slowest? Be sure to read your numbers using proper decimal notation. 18.34 is eighteen and thirty-four hundredths seconds.

Block Letter Names

Lightly trace your name (with block letters) in pencil on a piece of [graph paper](#). Be sure to only draw on the vertical and horizontal lines. Next, find the perimeter and area of each letter. Once the perimeter and area of each letter is calculated, it's time to total them and record the perimeter and area at the bottom of the page. Next, trace the letters with marker and color in the letters with crayons or colored pencils.



Garden Math

July - There are 100 feet of fencing around the rectangular community garden. What could the length and the width of the garden be? Draw a picture and label the length and width. Then find the area of the garden. What are some other rectangles with this perimeter? Find as many as you can.

August - There are 120 feet of fencing around the rectangular community garden. What could the length and the width of the garden be? Draw a picture and label the length and width. Then find the area of the garden. What are some other rectangles with this perimeter? Find as many as you can.

Cell Phone Math

Write down the cell phone numbers of 5 of your family members or friends. Record each number as a 7-digit number in the millions and order the numbers from least to greatest. Next, find the difference between the largest number and the smallest number. Then round each number to the nearest hundred thousand and million. Finally, find the difference between the rounded largest and smallest numbers. Which difference was closest to the actual difference and why?