

Name: _____

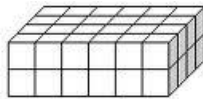
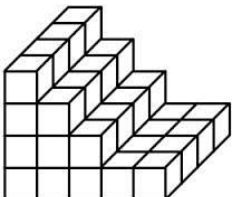
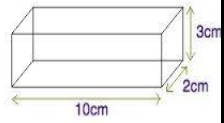
Grade 5 Summer Math Review Calendar

Dear Families,

Research shows that most students lose about two months worth of skills in mathematics during the summer months. You can help stop this from happening! Attached to this letter are math review calendars for June, July, and August. For each day on the calendar, there is a question, problem, or activity for your child to do at home that will help to review the concepts covered during the school year. These concepts will be built upon as your child enters the next grade level. It is suggested by your child's math teacher that your child will work each day to review and talk about the concept with a family member. Encourage your child to explain to you what they know and to show their thinking using words, numbers, and pictures.

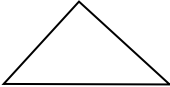

Thank you! ☺



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Solve $\frac{2}{5} + \frac{1}{2} = \underline{\quad}$ $\frac{5}{6} + \frac{3}{4} = \underline{\quad}$ $2\frac{2}{3} + 1\frac{1}{6} = \underline{\quad}$	$\frac{5}{7} - \frac{2}{5} = \underline{\quad}$ $\frac{7}{8} - \frac{1}{4} = \underline{\quad}$ $2\frac{1}{3} - 1\frac{1}{2} = \underline{\quad}$	Draw the quadrilateral that has opposite sides the same length, opposite sides parallel, and NO right angles. What is the name of this shape?	Represent Draw a picture to prove $\frac{3}{5} + \frac{1}{2} = \frac{11}{10}$	Compare using $<$, $>$, or $=$. $12 \times 12 \underline{\quad} 36 \times 4$	Draw a model and write an equation to show $\frac{13}{4}$ as a mixed number.	Volume = $\underline{\quad}$ 
SOLVE: $37,496 + 258,324 =$ $637,015 - 42,867 =$	Volume = $\underline{\quad}$ 	Volume = $\underline{\quad}$ 	Connor said that he played on the beach for 315 minutes. If Dylan played for 6 hours, how many more minutes did he play than Connor?	Volume = $\underline{\quad}$ <i>What is the volume of a pool that is 5 ft. deep, 21 ft. long, and 12 ft. wide?</i>	Sue's ice truck has 18 large ice cubes in it and is only a quarter full. How many cubes will her truck hold when it is full? _____	Walt Disney World covers about 25,000 acres. What are 3 numbers that could round to this number?

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<p>There are 47 members on the swim team. If each car can take 4 swimmers, how many cars will be needed to get all the team members to the swim meet?</p>	<p>Hooray for the Red, White, and Blue! How many <u>decades</u> old will our country be on July 4th? (Birth date: July 4, 1776) (1 decade = 10 years)</p>	<p>Draw a model and a number line to prove:</p> $\frac{5}{3} = \frac{15}{9}$	<p>What is the area of a rectangle that has a length of 2 cm and a width of 6 cm?</p>	<p>Draw a shape that has 2 sets of congruent sides. Draw a triangle that has 2 congruent sides and 1 right angle.</p>	<p>Solve</p> $58 \times 9 = \underline{\hspace{2cm}}$ $29 \times 18 = \underline{\hspace{2cm}}$	<p>Name the types of angles in the triangle below?</p> 
<p>Solve.</p> $3 \times (6 + 4) = \underline{\hspace{2cm}}$ $32 \times (36 \div (5+1)) = \underline{\hspace{2cm}}$	<p>Solve</p> $195 \times 10 = \underline{\hspace{2cm}}$ $572 \times 83 = \underline{\hspace{2cm}}$	<p>Create/Draw a model to prove that</p> $56 \times 14 = 784$	<p>Look at the 2 multiplication problems from last Friday. Can you explain why the products are the same? (Hint: Look at the factors)</p>	<p>Bill multiplied 17×23 using a place value method. Evaluate his work and the flaw in his method.</p> $10 \times 20 = 200$ $7 \times 3 = 21$ $17 \times 23 = 221$ <p>Use his place value method to get an accurate product.</p>		<p>5 ft. = <u> </u> in. <u> </u> oz. = 7 lbs.</p>
<p>Write the division problem.</p> $\frac{3}{4} = \underline{\hspace{1cm}} \div \underline{\hspace{1cm}}$ $\frac{6}{7} = \underline{\hspace{1cm}} \div \underline{\hspace{1cm}}$ $\frac{8}{3} = \underline{\hspace{1cm}} \div \underline{\hspace{1cm}}$	<p>Solve.</p> $8 - 2 \frac{3}{4} =$ $\frac{4}{6} + 5 \frac{3}{6} =$	<p>Write the fraction.</p> $9 \div 3 = \underline{\hspace{1cm}}$ $3 \div 9 = \underline{\hspace{1cm}}$ $5 \div 7 = \underline{\hspace{1cm}}$	<p>Solve</p> $\frac{2}{3} \times 6 = \underline{\hspace{2cm}}$ $10 \times \frac{4}{5} = \underline{\hspace{2cm}}$ $\frac{3}{5} \times \frac{1}{2} = \underline{\hspace{2cm}}$	<p>Find the area of the rectangle.</p> $\frac{3}{4} \text{ ft.}$ $\frac{1}{2} \text{ ft.}$ 	<p>Draw a model to show the multiplication sentence below.</p> $\frac{2}{3} \times \frac{1}{4} = \frac{2}{12}$	<p>What are the times when the hour hand and minute hand form right angles on a clock?</p>
<p>Use a number line to prove that $5 \times \frac{1}{3}$ is equal to $\frac{1}{3} \times 5$. The number lines should represent each equation accurately.</p>		<p>Draw a model to show $\frac{1}{2} \div 4 = \frac{1}{8}$</p>	<p>Which is the most reasonable answer for $46,706 \div 22$?</p> <p>212 21 2,123</p>	<p>Solve using any method</p> $972 \div 27 = \underline{\hspace{2cm}}$	<p>Solve using any method</p> $558 \div 18 = \underline{\hspace{2cm}}$	<p>If a lawn sprinkler rotates in a circle, moving 30° every 20 seconds, then how many seconds will it take for the sprinkler to make one full rotation?</p>

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<p><i>Check last Thursday's and Friday's division problems using multiplication.</i></p>	<p>Accurately place the fractions on 1 number line.</p> <p style="text-align: center;">$\frac{3}{4}$ $\frac{8}{2}$ $\frac{3}{8}$ $\frac{10}{10}$</p>	<p>Name 3 fractions that could make the comparison true:</p> <p style="text-align: center;">$\frac{2}{5} < \underline{\hspace{1cm}} < \frac{8}{9}$</p>	<p>43 in. = ___ ft. ___ in.</p>	<p>45 x 10³ = _____ 6.3 x 10¹ = _____ 0.12 x 10⁴ = _____ 31 x $\frac{1}{100}$ = _____ $\frac{1}{10}$ x 7.3 = _____</p>	<p>Find 2 different examples in your room of parallel lines. Can you find intersecting lines that are not perpendicular?</p>	<p>Write a story problem related to adding mixed numbers and solve it.</p>												
<p>At the baseball stadium, 328 hot dogs were sold on Friday. Twice as many were sold on Saturday. On Sunday, 467 hot dogs were sold. How many more were sold on Saturday than Sunday?</p>	<p>Compare <, >, = 10² x 2 ___ 10¹ x 20 Two tenths ___ 20 0.16 ___ 16 x 10² 4.4 ___ 4.38 3.7 ___ 0.037 x 10²</p>	<p>Write the equivalent fractions.</p> <p>$\frac{2}{3} = \frac{8}{\hspace{1cm}}$ $\frac{5}{6} = \frac{\hspace{1cm}}{18}$ $\frac{3}{10} = \frac{30}{\hspace{1cm}}$</p>	<p>Convert the measurements.</p> <p>12 c. = _____ pt. 48 cm. = _____ mm. _____ ft. = 6 yd. _____ min. = 3 hr.</p>	<p>Write the following statement in standard form.</p> <p>9x100 + 3x10 + 6x1 + 2x$\frac{1}{10}$ + 8x$\frac{1}{1000}$</p>	<p>Write an expression for each statement. Four less than 12 Subtract 28 from 43, divide by 5.</p>	<p>Solve and round to the nearest tenth.</p> <p>3.3 x 0.7 ≈ _____ 5.01 x 0.2 ≈ _____ 4.6 x 2 ≈ _____ 0.46 x 0.6 ≈ _____</p>												
<p>Solve</p> <p>5 ÷ 0.1 = _____ 2.4 ÷ 0.6 = _____ 3.5 ÷ 0.7 = _____ 0.42 ÷ 6 = _____</p>	<p>Write the number that is 100 times greater than 7.1.</p> <p>Write the number that is $\frac{1}{100}$ of 3.5.</p>	<p>Solve.</p> <p>4x(20x$\frac{1}{4}$) = _____ 27 ÷ [(3x(12x$\frac{1}{4}$))] = _____ [(14-5) ÷ 3] x 11 = _____</p>	<p>Use estimation to decide if the product of 46 x 8 is greater than 500.</p>	<p>Create a line plot using the data</p> <table border="1" style="margin: auto; border-collapse: collapse; text-align: center;"> <tr> <td>$1\frac{1}{2}$</td> <td>$2\frac{1}{4}$</td> <td>$1\frac{1}{4}$</td> </tr> <tr> <td>$1\frac{3}{4}$</td> <td>1</td> <td>$2\frac{1}{4}$</td> </tr> <tr> <td>$2\frac{1}{4}$</td> <td>$1\frac{1}{4}$</td> <td>$3\frac{1}{4}$</td> </tr> <tr> <td>$1\frac{1}{4}$</td> <td>$2\frac{1}{4}$</td> <td>$1\frac{3}{4}$</td> </tr> </table>	$1\frac{1}{2}$	$2\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	1	$2\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{1}{4}$	$3\frac{1}{4}$	$1\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{3}{4}$	<p>Write the number sentence that matches...</p> <p>Three times the sum of 6 and 10.</p> <p>Subtract the product of 5 and 7 from 42.</p>	<p>Write a multiplication equation to match this statement: <i>One yard is three times as long as one foot.</i></p>
$1\frac{1}{2}$	$2\frac{1}{4}$	$1\frac{1}{4}$																
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<p>Why is a square considered a parallelogram?</p>	<p>Write the smallest and largest 6-digit numbers using the following digits once each: 5, 3, 1, 8, 2, 7</p>	<p>Leanne needs help finding the dimensions of a rectangle. She knows that the perimeter is 36 in. and one side measures 7 in. What are the lengths of the other 3 sides?</p>	<p>What numbers between 1 and 100 have all of the following numbers as factors: 2, 3, 4, 6, 8, 12</p>	<p>What is the difference between the shortest length and the longest length in the data from last Thursday?</p>	<p>21 Find the product: 42 x 25 -----</p>	<p>22 Decompose $\frac{7}{8}$ in three different ways.</p>												

Hope you had a great summer! Enjoy one more week before school starts! Here are some more practice sites you might enjoy.

<https://www.khanacademy.org/math/cc-fifth-grade-math>

<https://www.ixl.com/math/grade-5>