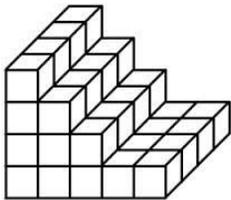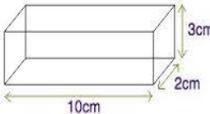Name: _____

Grade 5 Summer Math Review Calendar June-August 2020

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 his/her thinking using words, numbers, and pictures.
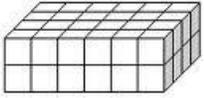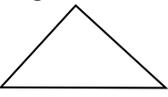
Thank you! ☺

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	June 29 $\frac{5}{7} - \frac{2}{5} =$ ____ $\frac{7}{8} - \frac{1}{4} =$ ____ $2\frac{1}{3} - 1\frac{1}{2} =$ ____	**30** Draw the quadrilateral that has opposite sides the same length, opposite sides parallel, and NO right angles. What is the name of this shape?	**1** Represent Draw a picture to prove $\frac{3}{5} + \frac{1}{2} = \frac{11}{10}$	**2** Compare using <, >, or =. 12×12 ____ 36×4	**3** Draw a model and write an equation to show $\frac{13}{4}$ as a mixed number.	**4** **Hooray for the Red, White, and Blue!** How many <u>decades</u> old is our country today? (Birth date: July 4, 1776)
5 SOLVE: 37,496 + 258,324 = 637,015 – 42,867 =	**6** Volume = ____ 	**7** Volume = _ 	**8** 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?	**9** Volume = _____ *What is the volume of a pool that is 5 ft. deep, 21 ft. long, and 12 ft. wide?*	**10** 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? _____	**11** Walt Disney World covers about 25,000 acres. What are 3 numbers that could round to this number?

Name: _____

Grade 5 Summer Math Review Calendar June/July 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
12 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?	**13** Volume = _____	**14** Draw a model and a number line to prove: $\frac{5}{3} = \frac{15}{9}$	**15** What is the area of a rectangle that has a length of 2 cm and a width of 6 cm?	**16** Draw a shape that has 2 sets of congruent sides. Draw a triangle that has 2 congruent sides and 1 right angle.	**17** Solve $58 \times 9 =$ _____ $29 \times 18 =$ _____	**18** Name the types of angles in the triangle below?
19 Solve. $3 \times (6 + 4) =$ ____ $32 \times (36 \div (5+1)) =$	**20** Solve $195 \times 10 =$ _____ $572 \times 83 =$ _____	**21** Create/Draw a model to prove that $56 \times 14 = 784$	**22** Look at the 2 multiplication problems on July 17th. Can you explain why the products are the same? (Hint: Look at the factors)	**23-24** Bill multiplied 17x23 using a place value method. Evaluate his work and the flaw in his method. $10\times20 = 200$ Use his place value $7\times 3 = 21$ method to get an $17\times23 = 221$ accurate product.		**25** 5 ft. = _____ in. ___ oz.= 7 lbs.
26 Write the division problem. $\frac{3}{4} =$ _____ $\div$ _____ $\frac{6}{7} =$ _____ $\div$ _____ $\frac{8}{3} =$ _____ $\div$ _____	**27** Solve. $8 - 2\frac{3}{4} =$ $\frac{4}{6} + 5\frac{3}{6} =$	**28** Write the fraction. $9 \div 3 =$ _____ $3 \div 9 =$ _____ $5 \div 7 =$ _____	**29** Solve $\frac{2}{3} \times 6 =$ _____ $10 \times \frac{4}{5} =$ _____ $\frac{3}{5} \times \frac{1}{2} =$ _____	**30** Find the area of the rectangle. $\frac{3}{4}$ ft. $\frac{1}{2}$ ft.	**31** Draw a model to show the multiplication sentence below. $\frac{2}{3} \times \frac{1}{4} = \frac{2}{12}$	**1** What are the times when the hour hand and minute hand form right angles?
2-3 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.		**4** Draw a model to show $\frac{1}{2} \div 4 = \frac{1}{8}$	**5** Which is the most reasonable answer for $46,706 \div 22$? 212 21 2,123	**6** Solve using any method $972 \div 27 =$ _____	**7** Solve using any method $558 \div 18 =$ _____	**8** 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?

Name: _____

Grade 5 Summer Math Review Calendar July/August 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9 *Check May 6ths and 7ths division problems using multiplication.*	**10** Accurately place the fractions on 1 number line. $\frac{3}{4}$ $\frac{8}{2}$ $\frac{3}{8}$ $\frac{10}{10}$	**11** Name 3 fractions that could make the comparison true: $\frac{2}{5} <$ ____ $< \frac{8}{9}$	**12** 43 in. = ___ ft. ___ in.	**13** $45 \times 10^3 =$ _____ $6.3 \times 10^1 =$ _____ $0.12 \times 10^4 =$ _____ $31 \times \frac{1}{100} =$ _____ $\frac{1}{10} \times 7.3 =$ _____	**14** Find 2 different examples in your room of parallel lines. Can you find intersecting lines that are not perpendicular?	**15** Write a story problem related to adding mixed numbers and solve it.
16 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?	**17** Compare <,>,= $10^2 \times 2$ ____ $10^1 \times 20$ Two tenths ____ 20 0.16 ____ 16×10^2 4.4 ____ 4.38 3.7 ____ 0.037×10^2	**18** Write the equivalent fractions. $\frac{2}{3} = \frac{8}{}$ $\frac{5}{6} = \frac{}{18}$ $\frac{3}{10} = \frac{30}{}$	**19** Convert the measurements. 12 c. = _____ pt. 48 cm. = _____ mm. ____ ft. = 6 yd. ____ min.= 3 hr.	**20** Write the following statement in standard form. $9 \times 100 + 3 \times 10 + 6 \times 1 + 2 \times \frac{1}{10} + 8 \times \frac{1}{1000}$	**21** Write an expression for each statement. Four less than 12 Subtract 28 from 43, divide by 5.	**22** Solve and round to the nearest tenth. $3.3 \times 0.7 \approx$ _____ $5.01 \times 0.2 \approx$ _____ $4.6 \times 2 \approx$ _____ $0.46 \times 0.6 \approx$ _____
23 Solve $5 \div 0.1 =$ _____ $2.4 \div 0.6 =$ _____ $3.5 \div 0.7 =$ _____ $0.42 \div 6 =$ _____	**24** Write the number that is 100 times greater than 7.1. Write the number that is $\frac{1}{100}$ of 3.5.	**25** Solve $4 \times (20 \times \frac{1}{4}) =$ _____ $27 \div [(3 \times (12 \times \frac{1}{4})] =$ _____ $[(14-5) \div 3] \times 11 =$ _____	**26** Use estimation to decide if the product of 46 × 8 is greater than 500.	**27** Create a line plot using the data $1\frac{1}{2}$ $2\frac{1}{4}$ $1\frac{1}{4}$ $1\frac{3}{4}$ 1 $2\frac{1}{4}$ $2\frac{1}{4}$ $1\frac{1}{4}$ $1\frac{3}{4}$ $1\frac{1}{4}$ $2\frac{1}{4}$ $1\frac{3}{4}$	**28** Write the number sentence that matches... Three times the sum of 6 and 10. Subtract the product of 5 and 7 from 42.	*Hope you had a great summer!*

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