Summer Math Fun: Going into Grade 5

Dear Student and Family,

You have learned so much in math this year! It is important to keep practicing your mathematical knowledge during the summer to be ready to enter your next grade. In this packet you will find short and fun math activities that will help you review and maintain math skills learned throughout this past year.

Some summer math activities have been made as a calendar for the months of July and August. All you have to do is follow the daily calendar and complete the activities. Do your best to complete as many of the activities as you can and have your family help you too! **Hand your work into your teacher during the first week of school to receive a small prize!**

The list of websites below are places you can go to practice your math skills.

- http://bedtimemath.org
  Students of all ages can solve a new math problem every night on this great website that hopes, "To make the nightly math problem as common as the bedtime story".

- https://www.sumdog.com or use the free Sumdog app for tablet/phone
  Students love these math practice games! Sumdog has them practice a variety of math skills through various engaging games. Children can play against each other or against other kids from around the world. Free parent accounts to track your child's progress.

- http://www.ixl.com
  Solve math questions related to grade level standards to earn points. You can answer some questions daily without paying for a membership.

- http://coolmath4kids.com
  This site is like an amusement park for math. There are lots of things for children to explore and problems to solve.

- http://jmathpage.com
  Johnnie's math page has lots of games and activities for elementary children of all ages. Explore interactive games and activities that are designed to provide fun practice to build your child's mathematical knowledge.

- http://teachingtime.co.uk/draggames/sthec2.htm
  This site provides practice telling time.

- http://mathplayground.com
  Fun and challenging math games to give your brain a workout.

Enjoy your summer and keep your skills sharp!

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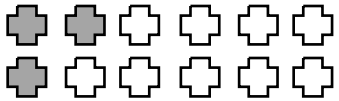
July 2017

Monday	Tuesday	Wednesday	Thursday	Friday
3 What is the value of the underlined digit? 6<u>7</u>8,342	**4** Write three numbers that come between 78,940 and 79,000. Put your numbers in order from least to greatest.	**5** Riley started mowing the lawn at 9:20 and finished at 10:35. How long did it take her to mow the lawn?	**6** Which is a **reasonable** amount of water in a fish tank? a. 50 liters b. 50 meters c. 50 ounces d. 50 grams 	**7** What is the value of ☐ in this equation? ☐ - 40 = 57 a. 16 c. 71 b. 17 d. 97
10 Katie used 72 inches of ribbon to make blue ribbons. How many feet is that? a. 5 feet b. 6 feet c. 7 feet d. 8 feet	**11** What fraction of the set of figures is shaded?  Name an equivalent fraction.	**12** Draw two different polygons that contain parallel sides.	**13** Estimate. Show how you rounded the numbers. 3172 + 5496	**14** Maria ate $\frac{3}{8}$ of a pizza. Jeff ate $\frac{5}{8}$ of a pizza that was the same size as Maria's pizza. How much pizza did they eat in all?
17 Write as a decimal… a. $\frac{3}{10}$ = _____ b $\frac{26}{100}$ = _____	**18** A theater sold 819 tickets for 3 performances of a play. The same number of people saw each show. How many people saw the first two performances of the play?	**19** Madeline has $0.63 in quarters, dimes, nickels, and pennies. She has 9 coins in all. What are they?	**20** A car can travel 25 miles on a gallon of gas. How many miles can it travel if it has a 15-gallon capacity gas tank?	**21** Write an equivalent fraction for each fraction. Then write the fractions in order from least to greatest. $\frac{3}{4}$ = ____ $\frac{5}{8}$ = ____ $\frac{1}{2}$ = ____
24 You have a budget of $75 for groceries. Plan out your shopping list using newspaper ads from local stores. What did you buy? How much did it cost? Did you have any change?	**25** I am thinking of two numbers. If you add them you get 15, multiply them you get 36, subtract them you get 9, and divide them you get 4. What are the two numbers?	**26** How many different numbers, if rounded to the nearest hundred, would round to 1,000?	**27** Make a list of all of the numbers you see during the day. Write them in order from greatest to least. What is the difference between the largest and smallest numbers?	**28** Which picture requires a larger frame, one that is 9 in. by 9 in. or one that is 12 in. by 5 in.? Show how you know.
31 Which means the same as 7236? a. 7000 + 200 + 130 + 6 b. 7000 + 20 + 30 +6 c. 7000 + 100 + 130 + 6 d. 6000 + 200 + 30 + 6				

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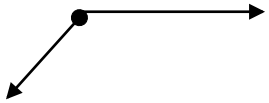
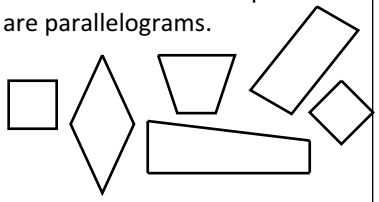
August 2017

Monday	*Tuesday*	Wednesday	Thursday	Friday
	1 Write a 5-digit number. Circle the number in the 1000s place. Put a square around the number in the tens place. Give a real-world example of when this number might be used.	**2** Write a word problem that requires division to solve and uses the numbers 32 and 8 in the problem. Be sure to give an answer.	**3** Name the **place** of the underlined digit. a. 3.4**6** _____ b. 79,5**4**1 _____ c. 7**0**4, 582 _____	**4** Draw a number line. Place 0, 1, $\frac{1}{4}$, $\frac{5}{8}$ and $\frac{6}{12}$ on it.
7 The number of people that have moved to Connecticut in each of the last 3 years is between 10,000 and 14,000. Which could be the number of people who have moved to CT? a. 25,000 c. 35,000 b. 50,000 d. 60,000	**8** Is the angle below a right, acute or obtuse angle? Explain your answer. 	**9** Which unit of measure would be best to use to estimate each of the following? a. your height _____ b. your weight _____	**10** If a room measures 25 feet by 16 feet, how many square feet of carpet is needed to cover the floor?	**11** Find the missing digits. 1 □ 3 + □ 7 □ 9 3 1
14 Look at a clock at 3 different times during the day. Tell the time on the clock each time you look. Write the time it will be 2 hours and 30 minutes later for each time listed.	**15** Estimate the length of your bed in feet. Then measure the length of the bed using a ruler. Find the difference between your estimate and the actual length of your bed.	**16** Measure the length of your shoe and a friend's shoe to the nearest ¼ inch. Record the measurements. _____ inches _____ inches	**17** Write a word problem that can be solved using 17 x 26 = ____. Then solve your word problem.	**18** If a square has a perimeter of 32 centimeters what would be the measurement of each side?
21 Put an X on the shapes that are parallelograms. 	**22** Rohan bought 2 shirts for $8.99 and 1 jacket for $24.98. He paid with a $50 bill. How much change did Rohan receive?	**23** The Perryville metro train can carry up to 230 people every five minutes. What is the maximum number of people can it carry in a one-hour period?	**24** The perimeter of a rectangle is 34 in. The length of the rectangle is 11 in. What is the width?	**25** Arrange the digits 4, 5, 6, 7, 8, and 9 in the boxes to form two numbers with the least possible difference. □ □ □ - □ □ □