
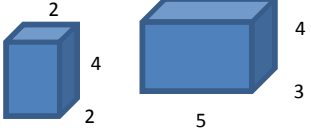











JUNE 2018

5TH GRADE

Summer Math Fun

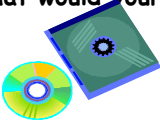

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				<p>1 Six friends have 4 sandwiches to share. How can they cut them in equal amounts? How much will each get?</p> 
<p>4 Round the following to the nearest hundredth:</p> <p>1) 162.094    2) 34.169  3) 348.638    4) 62.028  5) 9,058.764    6) 5,847.395</p>	<p>5 What is the difference in the two volumes of the solids?</p> 	<p>6 Measure your height in inches and weigh yourself in pounds. Record the results in notebook.</p>	<p>7 The hind foot of a grizzly bear is 26 cm long. What fractional part of a meter is that?</p> 	<p>8 Measure everyone in your family's wrist in centimeters. Create a dot plot to show the measurements.</p>
<p>11 A California Condor has a 114 in. wingspan. How many feet is this? How many inches are left over?</p>	<p>12 Make an alphabet of geometric terms. Ex: A is for angle, B is for base etc.</p> 	<p>13 Haley's comet was last seen in 1985. It should be seen again in 76 years. In what year might we see it again? How old will you be?</p>	<p>14 A man collected 2,496 strawberries for him and his 23 friends to share. If they all got the same amount, how many did each one receive?</p>	<p>15 An average American eats about 1,400 lbs. of food in a year. How many lbs. in a month? In a week?</p>
<p>18 If the veterinarian examined 13 dogs and 11 fish, how many eyes did he look at? How many feet?</p>	<p>19 If you have 8 coins in your pocket, what is the most money that you could have? The least?</p> 	<p>20 Gabby ate <math>\frac{1}{4}</math> of a pizza and her sister Madison ate <math>\frac{2}{3}</math> of the pizza. How much of the pizza is left?</p>	<p>21 A board is 8.16 ft long and is cut into four pieces of equal length. How long is each piece?</p>	<p>22 Stan completed his chores and got paid \$12.75 for each day he worked. After 30 days, how much money did Stan earn? (gross)</p>
<p>25 If Stan had to pay a tax of 0.05, what was Stan's net income?</p>	<p>26 I pay 18¢ for a newspaper. I sell the paper for 25¢. How many papers do I have to sell to make 35¢? To make \$3.50? To make \$35.00?</p>	<p>27 List the composite numbers between 0-50.</p>	<p>27 List the prime numbers between 0-50.</p>	<p>29 List the factors of 36 and 48. What is their greatest common factor?</p>

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<p>2 If you spend \$25 a day, how long will it take to spend \$100,000?</p> 	<p>3 I had 2 quarters and 3 dimes. I spent some of the money. I have 3 nickels left. How much money did I spend?</p>	<p>4 Happy 4th of July! Count all of the American flags you see today.</p> 	<p>5 A small car goes 30 miles on a gallon of gasoline. Its tank can hold 11 gallons of gas. How many times will the car have to fill up to travel 2,000 miles?</p>	<p>6 Place a bowl on the floor and stand about 20 steps away. Toss a coin into the bowl 20 times. How many times did you make it? Express this as a fraction in lowest terms.</p>								
<p>9 Make a wish list of 5 things you would like to purchase including the prices. Find the total cost of the items.</p> 	<p>10 I am <math>&gt; 3,449</math> and I am <math>&lt; 3,502</math>. I have a 1 in my ones place and a zero in my tens place. What number am I? Now create your own number riddle.</p>	<p>11 Find the starting time of a movie. It takes 15 minutes to get there, 20 minutes to buy your popcorn, what time should you leave home to be in time for the movie?</p>	<p>12 Begin with 35 and count by 7's to 77. Begin with 36 and count by 6's to 66.</p>	<p>13 At the grocery store, estimate how many bananas will weigh one pound. Check your estimate. What's the cost of 2 lbs. of bananas?</p> 								
<p>16 Start with 3,542. Add 1,000 more. Subtract 580. Add 9. What's your number? Make your own number problem.</p>	<p>17 How many ways can you make \$1 using pennies, nickels, dimes, quarters, half dollars, and dollar coins? Make an organized list. <i>Hint: there are 293 ways!!</i></p>	<p>18 Jose swam 3 laps each day. Micah swam four times as many laps as Jose each day. How many laps did Micah swim in 7 days?</p>	<p>19 Sophia runs twice as fast as her friend Mia. If Mia runs 3mph, how long will it take Sophia to run 6 miles? 9 miles?</p> 	<p>20 If a square has the area of 16, what is its perimeter?</p>								
<p>23 What number is 10 more than 4,492? What number is 300 more than 4,830? What number is 500 more than 4,654?</p>	<p>24 What's the rule for my input/output machine?</p> <table><tr><td>Input</td><td>Output</td></tr><tr><td>12</td><td>4</td></tr><tr><td>18</td><td>6</td></tr><tr><td>36</td><td>12</td></tr></table>	Input	Output	12	4	18	6	36	12	<p>25 Mia drank 3 quarts of water at the playground. How many more cups does she need to drink to make a gallon? How many ounces is this?</p>	<p>26 Solve:</p> $(9-7) \times 6 \div (4-2) =$ $9 \div 3 \times 7 - (19-8) =$	<p>27 Write down all of the ages of everyone in your family. Create a stem and leaf plot showing this information.</p>
Input	Output											
12	4											
18	6											
36	12											
<p>30 Name all of the composite numbers between 50 and 100.</p>	<p>31 Kate's garden is in the shape of a square with a perimeter of 32 feet. What is the area of the garden?</p> 											

# AUGUST 2018

# 5th GRADE

# Summer Math Fun

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		1 2 factors multiplied together result in a product of 36,000. What might the numbers be? Find at least 6 pairs of factors.	2 If you set out on a hike at 7:15am and return at 3:05pm, how long have you been hiking?	3 How many multiples of nine are there between 0 and 100? List them.
6 Order the following from least to greatest. $1/2$ , $2/3$ , $1/4$ , $2/5$ , $3/8$	7 Draw a model and solve the following: $1/3 \div 7 = \underline{\hspace{2cm}}$ $6 \div 1/2 = \underline{\hspace{2cm}}$	10 Change the following improper fractions to mixed numbers. $5/4$ , $11/5$ , $12/10$	9 If you bought 3 CD's each costing \$12.99 and paid with a \$50 bill, what would your change be? 	10 Measure your height. Record. Weigh yourself. Record. Look at your notebook page for June 6. How much have you grown?
13 If four chocolates cost \$1.00, how many chocolates can you buy for \$15.00? 	14 How many groups of 25 are in 3000? How many groups of 20 are in 4000?	15 First day of school! 