July 2017

Show your work and answers in the boxes on the next page or on a separate sheet of paper.

#1. Round to the place value in bold. 52,**7**88 = **52, 800** 8**1**.07 = **81** **2**,912,865 = **3,000** 0.8**3**1 =**.83**	**#2.** List all the factors of: 18 54 **18**: 1, 2, 3, 6, 9, 18 **54**: 1, 2, 3, 6, 9, 18, 27, 54	**#3.** If you spend $100.00 a day, how many days will it take to spend a million dollars? How many years is that? **1,000 days** **Or 2.739 years**	**#4.** If your family of four ordered a large pizza that was cut into 12 slices, and each of you ate the same amount of pizza, what fraction of the pizza would you eat? **Each of you ate 3/12 or 1/4 of the pizza!**	**#5.** List four things in your kitchen that are approximately 20 cm long. Then take a ruler and measure their actual lengths. How close were your estimates. **Answers may vary**
#6. A friend calls and invites you to a movie. The paper says the movie is 2 hours and 13 minutes long. It ends at 3:25. What time does it start? **The movie started at 1:12 pm.**	**#7.** Jen is 12. Amy is 13. In 25 years, what will be the product of their ages? **12 +25 = 37** **13 + 25 = 38** **37 x 38 = 1, 406**	**#8.** Ask a family member for a map. Use the map scale to calculate the distance between two places on the map. **Answers may vary**	**#9.** Think about a way you used math today. Illustrate it and/or write about it in your math journal. **Answers may vary**	**#10.** Make the largest and smallest numbers you can using the digits 4, 1, 7, 8, and 2. Find their sum and difference **Largest: 87,421** **Smallest 12,478** **Sum: 99,899** **Difference: 74,943**
#11. Continue the pattern at least ten more times. 7, 14, 21, 28 **35, 42, 49, 56, 63, 70, 77, 84, 91, 98...**	**#12.** About how many days old are you today? **Answers may vary** Example: I was born on July 1st 2007. I am 3,655 days old on the 5th of July.	**#13.** I am a number less than 50. When divided by 5, my remainder is 4. Who am I? Is there more than one answer? **49** 49 divided by 5 = 9 remainder 4 **39** **29** **19**	**#14.** Solve: 324 X 45= **14,580**	**#15.** Vowels are worth $25 and consonants are worth $50. Can you make a word worth $200? $500? **Answers may vary** Cheer: 50 + 50 + 25 + 25 +

		9		50= 200
#16. Write a story problem for each one of the operations (+, -, x, ÷) **Answers will vary** Jose wanted to treat her friends to ice cream! A single scoop is $2.50 and each topping is 75 cents extra. How much would one ice cream cost if she got 2 toppings? (+) How much would it cost for Jose and her three friends if they all got two toppings? (x) Sally decided to pay for 1/2 of the cost. How much did Sally pay? (÷) Jose remembered her mom had a coupon for $3.50 off a purchase of $10 or more. How much was the bill after the coupon? (-)	#17. The perimeter of a square is 52 cm. What is the length of each side? **Each side is 13 cm**	#18. Write 347, 392 in expanded form. **300,000** **+40,000** **+ 7,000** **+ 300** **+ 90** **+ 2**	#19. Order these fractions from least to greatest. $\frac{7}{8}$ $\frac{1}{2}$ **½, , ⅞**	#20. Simplify: (2 x 4) + 300 ÷ 5 **313**