Summer Math Activities for Students Entering 4th Grade / Summer 2014

Welcome to Summer Math for students entering the 4th grade. Reviewing learned skills will maintain the foundation for math success at the next grade level. It is expected that students will complete ALL problems over the summer.	1 Look at the equations below. Write word problems to match each equation. 19 + 2 = ? 38 – 15 = ?	2 Which pair of numbers has a difference of 7 and a quotient of 2? 7, 1 10, 3 6, 4 14, 7 18, 9 1, 8	3 Which products are even? 3x5= 2x10= 7x4= 8x3= 6x5= How do you know?	4 Make a list of 5 numbers you see around your house or while you're out with your family. Write each number in expanded form.	5 Draw a rectangle with a perimeter of 24 inches. Label each side of the rectangle. Draw a different rectangle with the same perimeter. Label each side of the rectangle.	6 Write a multiplication word problem for another family member to solve.
7 Complete the fact family for: 7 x 5 = 35	8 There are 40 chairs in the classroom. The chairs are arranged in rows. Each row has 10 chairs. How many rows of chairs	9 411, when rounded to the nearest hundred is 400. What other numbers round to 400 when rounded to the nearest hundred? Give at least 3 examples.	10 Circle the examples that show equal area.	11 Bookstore Hardcover books $10 Paperback books $6 Magazines $2 A customer spends $98 at the bookstore. What did she buy?	12 Bookstore Comics $3 Hardcover books $10 Paperback books $6 Magazines $2 John buys 2 hardcover books and 4 magazines. How much money does John spend?	13 Solve. ____ = 735-660 ____ = 287+368 602 + 285 = ____ 422-109 = ____
14 Write a division word problem for another family member to solve.	15 Scarves come in packages of 3 for $5. How many scarves could be bought for $25?	16 What is the perimeter of the rectangle? 15 in.  10 in.	17 In the first movie, $457 is generated from the sale of tickets. More money is generated from the sale of tickets for the second movie. The total income generated from both movies is $958. How much money was generated from the sale of tickets for the second movie?	18 Round 628 to the nearest ten. Discuss with a family member: How does thinking about place value help you round to the nearest ten?	19 There are 520 students at Springwood ES. 372 students ride the bus to school. 68 students take a car to school. Some student walk to school. How many students walk to school?	20 Which products are even? 8 x 2 = 5 x 4 = 6 x 8 = 3 x 7 = 9 x 6 = How do you know?
21 Find an analog clock (it has a face) and read the time of day to a family member.	22 Look at the equations. Write word problems to match each equation. 20 ÷ 4 = ? 7 x 5 = ?	23 Write a 3-digit number. Round it to the nearest ten. Ask a family member to write a 3-digit number. Round it to the nearest ten.	24 What is the area of the rectangle? 6 in. 4 in.	25 Which pair of numbers has a sum of 20 and a quotient of 4? 3, 3 12, 2 15, 5 5, 5 16, 4 8, 4	26 Write 5 x 7 = 35 as repeated addition.	27 Sweatshirts come in packages of 2 for $9. How many sweatshirts could you buy for $72?
28 Solve for the unknown. 187 = 42 + ? + 79 500 - ? = 318 495 = 131 + ? + 82 ? + 78 = 194	29 223 rounded to the nearest 10 is 220. What other numbers round to 220 when rounded to the nearest ten? Give at least 3 examples.	30 Which products are odd? 4 x 3 = 9 x 2 = 3 x 3 = 7 x 8 = 5 x 7 = How do you know?	**Websites to Support Summer Math Learning/Practice** http://illuminations.nctm.org/ On the right side of the home page, check inter-actives and choose a grade level. Many support MCPS math curriculum. http://www.allmath.com/ Flash cards and links to other sites for games, math humor, worksheets, math help and more. http://www.aplusmath.com Basic fact flash cards and more.			