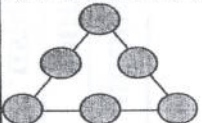



~ SUMMER 2014 ~


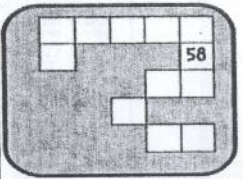
Welcome to the summer math problems for students entering Third Grade. Reviewing the learned skills will maintain the foundation for math success at the next grade level. It is expected that students will complete all problems over the summer.

<p>1 Give your child a handful of change and ask them to count it. Take one more handful, count and compare the two amounts. Which is greater? Less?</p>	<p>2 Verbally name a specific amount (\$0.25). Build sets to show that amount. How many different coin combinations can be made? Which combination uses the fewest number of coins?</p>	<p>3 Solve $53+38$ using the strategy Addition Split (expanded form/decomposing): Example: $32 + 18$</p> $\begin{array}{r} 30 + 2 \\ +10 + 8 \\ \hline 40 + 10 = 50 \end{array}$	<p>4 Make a list of 10 numbers you see around your house or while out and about with your family. Say each number.</p>	<p>5 Take a handful of coins. Sort them by name and create a bar graph to show your data. Remember your graph must have a title and labels on each axis. Write 3 facts that you notice about your data.</p>	<p>6 Place the numbers 1-6 in each circle once making sure that the sums of each side match the sum of the other sides.</p> 
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Mrs. Glawe has \$10.00 to spend for her lunch. If she buys a salad for \$5.25, a drink for \$1.25, and an apple for \$0.50, then how much money will she have leftover? Will she have enough to purchase a cookie for \$0.75?

<p>8 Below is part of a hundreds chart. Fill in the missing numbers.</p> 	<p>9 Complete the fact family for: $5 + 3 = 8$</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>10 Write an addition word problem for another family member to solve.</p>	<p>11 Write your numbers by 5's from 1 - 100.</p>	<p>12 Use the numbers 2, 3, 1, and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the largest number.</p>	<p>13 Find an analog clock (a clock with a face) and read the time of day to a family member.</p>
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Position the numbers 1-2 so that each row and diagonal has the sum of 5.

<p>15 Look around your house and identify geometric shapes (polygons, quadrilaterals, pentagons, hexagons, triangles, and octagons). Identify their attributes (sides, faces, corners)</p> 	<p>16 Look around your house and identify solid shapes this time (rectangular prism, sphere, cone, cylinders).</p>	<p>17 Compare each pair of numbers. Write the correct comparison symbol (> or <) in each circle.</p> <p>$124 \bigcirc 134$</p> <p>$585 \bigcirc 576$</p> <p>$613 \bigcirc 631$</p>	<p>18 Make as many different arrays as you can with the number 18. Write a number model for each array. For example for 12: xxxx xxxx xxxx $4 + 4 + 4 = 12$</p>	<p>19 Solve $432 + 318$ using the strategy Addition Split (decomposing):</p> <p>Example: $146 + 235$ $100 + 40 + 6$ $+200 + 30 + 5$ $\hline 300 + 70 + 11 = 381$</p>	<p>20 Below is part of a hundreds chart. Fill in the missing numbers.</p> 
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Use the numbers 1, 4, 5 and 7 to write the largest number and then the smallest number. Explain to a family member how you know you have made the smallest number.

<p>22 Solve $85 - 47$ using the strategy Subtraction Split (decomposing):</p> <p>Example: $96 - 58$ $80 + 16$ $-50 + 8$ $\hline 30 + 8 = 38$</p>	<p>23 Write your numbers by 10's from 1 - 100.</p>	<p>24 Play buzz by picking a number between 1 and 10. Take turns with a family member counting and every time you get that number or its multiple you need to say buzz instead of the number or you are out of the game.</p>	<p>25 While doing some summer reading, note what page you started reading from and what page you ended on. What is the difference?</p> <p>$915 \bigcirc 951$</p> <p>$188 \bigcirc 197$</p> <p>$411 \bigcirc 401$</p>	<p>26 Compare each pair of numbers. Write the correct comparison symbol (> or <) in each circle.</p> <p>$915 \bigcirc 951$</p> <p>$188 \bigcirc 197$</p> <p>$411 \bigcirc 401$</p>	<p>27 Complete the fact family for: $7 - 4 = 3$</p> <p>_____</p> <p>_____</p> <p>_____</p>
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Write a take apart word problem for another family member to solve.

<p>29 Mrs. Teske needs to buy her daughter some socks for college. She has \$10 and the socks cost 6 pairs for \$9.95. How much money will she have leftover once she buys the socks?</p>	<p>30 Make as many different arrays as you can with the number 24. Write a number model for each array (For an example see July 18).</p>	<p align="center">Websites to Support Summer Math Learning/Practice</p> <p>http://illuminations.nctm.org/ (National Council of Teachers of Mathematics Site ©)</p> <p>On the right side of the home page, check interactives and choose a grade level. Tons of activities that support the MCPS curriculum</p> <p>http://www.allmath.com/</p> <p>This site has flash cards and links to other sites for games, math humor, worksheets, math help and more.</p> <p>http://www.aplusmath.com</p> <p>This site has basic facts flash cards and a game room, worksheets, multiplication table practice and more.</p>			
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