


Summer Math Problems for Students Entering 1st Grade.

Summer 2014

<p>Welcome to the summer math problems for students entering 1st grade. Reviewing the learned skills will maintain the foundation for math success at the next level. It is expected that students will complete all problems over the summer.</p>	<p>1 Have your child mark off the days on a calendar for the month of July. Ask them about the calendar using terms like “today, tomorrow, and yesterday”. Ask what day comes “after” and what day comes “before” a given day.</p>	<p>2 Count to 100 by 1’s and by 10’s.</p>	<p>3 Verbally name a number. Ask your child to give you the number that is one more and one less.</p>	<p>4 Make a list of 5 numbers you see around your house or while out and about with your family. Say each number.</p>	<p>5 Write equations to show the different ways to make the number 10.</p>	<p>6 Ask your child six basic facts. (three addition and three subtraction)</p>
<p>7 Go into your yard. What shapes do you see? Draw a picture of the shapes. Label your picture.</p>	<p>8 3 boys are swinging on the swings. 6 girls are playing tag. How many children in all?</p>	<p>9 Complete the equations: 3+5= 9+1= 0+4= 2+6= 5+5=</p>	<p>10 Count to 100 starting with the following numbers: 22 68 40 55</p>	<p>11 While driving, ask your child to look at a license plate and name the digits. Which one is larger? Which number is less than all the others? What two-digit numbers can they make?</p>	<p>12 Compare the numbers 12 and 9. Which number is the greatest? Explain your thinking.</p>	<p>13 When playing with toys, have your child sort them by sets of similar objects. How are the objects alike? What geometric shapes do you see in those objects (cube, sphere, cylinder, etc.)?</p>
<p>14 Draw three different patterns using the shapes:</p> 	<p>15 Find two objects that are different lengths (a pencil, crayon, marker, etc.). Compare the length of the two objects. Which one is longer? Which one is shorter? Explain your thinking.</p>	<p>16 Count by 2’s, 5’s, and 10’s. Go as high as you can.</p>	<p>17 When out in the community, have your child identify geometric shapes (hexagons, triangles, rectangles, circles, squares) in their environment and give their characteristics.</p>	<p>18 Do the same activity as yesterday, but now look for solid shapes (rectangular prism, sphere, cone cylinder, cube, pyramid).</p>	<p>19 There are 10 students on the school bus. 6 students get off the bus. How many students are still on the bus?</p>	<p>20 Give your child a handful of coins and ask them to identify them.</p>
<p>21 Complete these equations. 8-3= 9-0= 3-2= 7-4= 10-6=</p>	<p>22 Show three ways to make 17 cents. Draw your answers.</p>	<p>23 Find a toy car/truck or a picture of one. Ask your child how many wheels are on three cars/trucks? How many wheels are on your bike? What if you had two bikes and a tricycle?</p>	<p>24 6 children are playing outside. 4 children go inside. How many children are left outside?</p>	<p>25 Measure the lengths of toys or objects with non-standard measurements such as paper clips, pennies or blocks. Use vocabulary such as “length” and “width”.</p>	<p>26 7 children are playing ball. 2 more come to play. How many in all?</p>	<p>27 Use tally marks to count objects (silverware, toy cars, dolls, etc.) Make a pictograph of the results.</p>
<p>28 Write equations to show the different ways to make the number 8.</p>	<p>29 9 ducks are swimming in a pond. 5 ducks fly away. How many ducks are left swimming?</p>	<p>30 Verbally name two numbers and have your child give you the number or numbers that come between those numbers.</p>	<p style="text-align: center;">Websites to Support Summer Math Learning/Practice</p> <p>http://illuminations.nctm.org/ (National Council of Teachers of Mathematics) On the right side of the home page, check interactives and choose a grade level.</p> <p>http://www.allmath.com/ Flash cards and links to other sites for games, math humor, worksheets, math help and more.</p> <p>http://www.aplusmath.com Basic facts flash cards and a game rom, worksheets, multiplication table practice and more.</p>			