

PCS Summer Math Activities for Students Entering 1st Grade

<p>1. Go grocery shopping with an adult. Weigh 3 different produce items and place them in the cart from lightest to heaviest.</p>	<p>2. Keep track of the weather this week. How many sunny days?</p> <p style="text-align: center;">Rainy days?</p> <p style="text-align: center;">Cloudy days?</p> <p style="text-align: center;">How many more sunny days than rainy days?</p>	<p>3. Build something with blocks or Legos. Decide how many you will use. Tell someone about what you have created.</p>	<p>4. Help set the table for a meal. How many people are there?</p> <p style="text-align: center;">How many forks, spoons, and knives do you need?</p>	<p>5. Swing 50 times or jump 50 times. How long did it take?</p>	<p>6. Make a picture using 2 circles, 3 triangles, and 4 rectangles. Explain how you made it to a friend or parent.</p>	<p>7. Look in your kitchen cabinet. Find 5 boxes of different sizes. Line them up from tallest to shortest. Now, line them up from thickest to thinnest.</p>
<p>8. Take a walk outside. Record on paper how many insects, birds, and mammals you see.</p>	<p>9. Count how many steps it takes to get from your room to the kitchen. Then try giant steps. How many more regular steps did it take?</p>	<p>10. Sort the laundry (by owner, by color, by size, or by item type). Who in your family had the most socks in this load?</p>	<p>11. Count 25 objects (Cheerios? raisins? rocks?). Now make a pile of 15 from that 25. How many are still left?</p>	<p>12. When you go out, count how many people are wearing short and long pants and compare. Why might that change on another day?</p>	<p>13. Write your first and last name. How many letters in each? How many more letters in your long name than in your shorter one?</p>	<p>14. Play a game that uses dice (or roll 2 dice 25 times). How many times did you roll doubles?</p>

<p>15. Play a board game that uses dice. Does any one of the numbers get rolled more than others?</p>	<p>16. With chalk, make a repeating pattern design on a sidewalk or driveway near you. <i>Ask an adult first.</i></p>	<p>17. Tell a friend a story problem for $3+2$. Then try a story to go with $5-2$.</p>	<p>18. Jump 3 times, once like a bunny, once like a frog, and once like a child. Measure each jump. Which jump was the shortest? Longest?</p>	<p>19. Try a game like basketball, bowling, or mini golf. Help keep score. Who had the most points? Is that the winner?</p>	<p>20. Practice skip counting by 2s and 5's. 2,4,6... to 30 5,10,15... to 100</p>	<p>21. How many nickels can you use to make 20¢? How many pennies? How many dimes?</p>
<p>22. Draw a picture to show this problem: I made 8 hot dogs. The kids ate 4 of them. How many are left? Can you make your own picture problem?</p>	<p>23. Record the temperature every hour from 9 a.m. to 2 p.m. What time was it the hottest? What time was it the coolest?</p>	<p>24. Read <u>Ten Flashing Fireflies</u> by Philemon Sturges. Instead of fireflies in a jar, count the veggies going into your mouth tonight.</p>	<p>25. Play the card game "War" with a partner.</p>	<p>26. Draw a 10 frame that shows $3+7=10$. Then draw a 10 frame that shows $10-2=8$. (Use 2 different colors for the dots.)</p>	<p>27. As you walk or drive in the car, try to find all the numbers 0,1,2,3... in order. How many do you see along the way? How high can you count?</p>	<p>28. Practice counting on from numbers other than one. Start at 4..... Start at 17..... Start at 32..... Can you count backwards from these numbers?</p>