

PCS Summer Math Activities for Students Entering 2nd Grade

<p>1. Look inside a grocery store flier. Cut out the most expensive item and paste it on new paper. How much money would you need for 2 of them?</p>	<p>2. Circle all the even numbers. 26, 55, 12, 72, 33, 94, 11, 8, 47. How do you know each is even?</p>	<p>3. Draw a picture of your family from shortest to tallest. Label each one.</p>	<p>4. A pack of gum has 10 pieces in it. How many pieces of gum in 3 packs?</p> <p>5 packs?</p> <p>7 packs?</p> <p>10 packs?</p>	<p>5. Three numbers in my fact family are 7, 3, and 10. What are 2 addition and 2 subtraction sentences you can make using these numbers?</p>	<p>6. How many minutes are in 1 hour?</p> <p>In ½ hour?</p> <p>In 2 hours?</p>	<p>7. I have a machine that adds 5 to every number I put in. If I put in 4, what comes out?</p> <p>If I put in 16, what comes out?</p>
<p>8. Draw a clock face. Draw the hands to show what time you go to bed.</p>	<p>9. Skip count to 100 by 5s, and then by 10s. Skip count to 50 by 2s. Record how long it took each time. Which took the longest?</p>	<p>10. Make a quart of lemonade. How many cups of water do you need?</p> <p>How many tablespoons of mix do you need to make it sweet enough?</p>	<p>11. Estimate how many pieces of cereal are in ¼ cup.</p> <p>Count the pieces.</p> <p>Now estimate how many ¼ cups fill your cereal bowl.</p> <p>Check.</p>	<p>12.</p> <p style="text-align: center;">$7+8=$__ $6+7=$__</p> <p>What doubles facts help you solve these problems? Record the double fact and the answers to these equations.</p>	<p>13. Estimate the length of string you'd need to fit around a ball. Without measuring, cut the string that you think will work. Test your prediction. What did you notice?</p>	<p>14. Create a repeating pattern with shapes like ▲ ▲ ■ ▲ ▲ ■. Ask a friend what the 9th shape would be? the 10th? Have a friend make up a new pattern.</p>

<p>15. Tell an adult an addition story problem to go with $4 + 8$. Now tell a subtraction story problem for $12 - 4$. Have the adult write the stories down.</p>	<p>16. Make a 3-D shape using mini marshmallows and toothpicks. How many vertices does your shape have? How many faces?</p>	<p>17. Cut out grocery store coupons your family may use. Sort into categories. Which category has the most, which has the least?</p>	<p>18. I'm 7 years old & my sister is 11. Who is younger?</p> <p>How much younger?</p> <p>I have 32 stickers and my sister has 9. Who has more?</p> <p>How many more?</p>	<p>19. Look for five different places you see numbers inside or outside your house. Draw one of the items & circle the numbers.</p>	<p>20. Ask 10 friends or relatives their favorite color. Organize your data in a table or graph.</p>	<p>21. Ask someone to read you a book. Record the start time and end time. How many minutes did it take to read the book?</p>
<p>22. Use quarters, dimes, and nickels to make \$1.00. Can you find and record 5 different ways to make \$1.00?</p>	<p>23. Line up 3 different objects. Record the order. Now change the order. How many different ways can you line them up?</p>	<p>24. Circle the odd numbers. 27, 16, 21, 54, 22, 45, 32, 47, 3.</p> <p>How do you know it is odd? Record.</p>	<p>25. Find the temperatures for this past week. Record:</p> <p>Find the temperature for Las Vegas, NV this past week. Compare. What do you notice?</p>	<p>26. Count backwards by 100s beginning with 900 and go back to 100. Record your numbers.</p>	<p>27. Write as many number sentences as you can that have 14 for an answer.</p>	<p>28. What number comes after 16?</p> <p>What number comes before 30?</p> <p>What numbers come before and after 57?</p>