

Summer Math Activities for Students Entering 2nd Grade - July

<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, 95, 12, 72, 33, 94, 11, 110, 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 5 pieces in it. How many pieces of gum in 3 packs? 5 packs? 7 packs? 10 packs? Record.</p>	<p>5. Three numbers in my fact family are 7, 3, and 10. What are 3 addition and 2 subtraction sentences you can make using these numbers?</p>	<p>6. How many minutes are in 1 hour? In $\frac{1}{2}$ hour? In a $\frac{1}{4}$ hour? Record each.</p>	<p>7. I have a machine that adds 5 to every number I put in. If I put in 4, what comes out? 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, 10s. Skip count to 50 by 2s. Record how long it took each time. Which took longer?</p>	<p>10. Make a quart of lemonade. How many cups of water do you need? How many tablespoons of mix do you need to make it sweet enough?</p>	<p>11. Estimate how many pieces of cereal are in $\frac{1}{4}$ cup. Count the pieces. Now estimate how many $\frac{1}{4}$ cups fill your cereal bowl. Check.</p>	<p>12. 7+7 7+8 8+8 8+9 9+9 9+10 What clues help you solve these problems.</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 $12 - 4$.</p>	<p>16. Make a 3-D shape using mini marshmallows and toothpicks. How many corners does your shape have? How many edges?</p>	<p>17. Cut out grocery store coupons your family may use. Sort into categories. Which has the most, least?</p>	<p>18. I'm 7 years old & my sister is 11. Who is younger? How much younger? I have 32 stickers and my sister has 9. Who has more? 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.</p>
<p>22. Use quarters, dimes, and nickels to make \$1.00. How many different ways can you 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, 88, 45, 132, 347, 303. How do you know it is odd? Record.</p>	<p>25. Find the temperatures for this past week. Record. 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? What number comes before 30? What numbers come before and after 57?</p>

Summer Math Activities Calendar for Students Entering **2nd Grade**-August

<p>1. Blow a marble, a bottle cap, and a pencil across a table or the floor. Measure how far they go. Which goes the farthest? By how much?</p>	<p>2. Count by 2s to 50 starting at 12. Count by 10s to 64, starting at 4. What did you notice about the numbers you say?</p>	<p>3. Ask someone at home to time how long you can hop on your right foot, then your left. Which foot could you hop on longer? How much longer?</p>	<p>4. How many different ways can you use pennies, nickels and dimes to make 25 cents; to make 50 cents. Record all the ways.</p>	<p>5. Make dots to match the numbers 1 - 10. Use the dots from your favorite number and turn it into a picture.</p>	<p>6. Create an addition number story. Create a subtraction number story.</p>	<p>7. Find an adult's shoe. Measure the length in inches and centimeters. Record.</p>
<p>8. Do a yes/no survey asking friends and relatives "Do you like the rain?" Circle which side has the most.</p>	<p>9. Solve. I had 4 shells. I got 2 more. I got 3 more. I lost 2. How many shells do I have? Record and explain your thinking.</p>	<p>10. Count backwards from 30 to 0. Count backwards by 10s from 80 to 0. Count backwards by 5s from 40 to 0.</p>	<p>11. Sort the laundry into categories (by owner, by size, by color, by item type) What do you observe about the piles?</p>	<p>12. How many books do you have? First, make an estimate. Then count them. How close was your estimate?</p>	<p>13. What number comes after 27? What number comes before 50? Make up your own "what comes after, what comes before and ask a friend or relative to solve your problem.</p>	<p>14. I have a machine that adds 5 to every number I put in. If I put in 4, what comes out? If I put in 15, what comes out? Record.</p>
<p>15. If you see 8 people, how many eyes would you see? If there are 30 toes under the table, how many people are sitting at the table? Record and explain.</p>	<p>16. Roll 2 dice. Add the two digits to find a sum. Do this 20 times. What sum did you get the most often?</p>	<p>17. Cut out a picture from a flier or old magazine. Glue to a blank paper. Write a math story problem for the picture.</p>	<p>18. Grab a handful of coins. Sort them and find the value.</p>	<p>19. How long does the traffic light stay green? Red? How could you measure this? How much longer is 1 light than the other?</p>	<p>20. $0+1$ $1+1$ $2+1$ $3+1$ $4+1$ and $19+1$ What patterns do you see? Why?</p>	<p>21. Play a board game.</p>
<p>22. Jump 3 times; once like a bunny, once like a frog, and once like a child. Measure each jump. Which was the longest? Shortest? What is the difference?</p>	<p>23. I am 7 years old and my sister is 14. Who is younger? How much younger? I have 16 stickers and my sister has 9. Who has more? How many more?</p>	<p>24. Make a tally chart of the number of fruits and vegetables you ate today at your meals and for snacks. Did you eat 5 servings? Try again tomorrow.</p>	<p>25. Hiding game: Get 7 pennies. Put some in 1 hand and some in the other hand. Show 1 hand and have an adult figure out how many are in that hand. Switch roles. Play 10 times.</p>	<p>26. Get a pile of coins. Show all the ways to make 15 cents. How do you know you have them all?</p>	<p>27. Use these numbers in a story problem: 18, 9, 9. Write you own problem for a friend or relative to solve.</p>	<p>28. Play a game. Connect Four or Dominoes</p>

