

## Summer Math Activities for Students Entering 3<sup>rd</sup> Grade - July

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| Draw a line that is 10 cm long. Then draw one that is 3 cm shorter.  | Draw a picture to show $12+5+17$ .  | How many quarters make \$5.00? How many dimes? Nickels? Do you notice any patterns?                    | You have 4 lollipops. 1 is grape flavored. What fraction is grape flavored? Draw a picture to illustrate. | Jenn is 53 inches tall. Deb is 48 inches tall. Who is taller? How tall is each girl in feet? | Write the numbers 1 -100 by 3s. What patterns do you see?   | You have 10 dollars to spend. Find something in the newspaper fliers you can buy. How much does it cost? How much change will you get? |
| Draw a picture to show fractions: $\frac{1}{4}$ , $\frac{1}{2}$ , and $\frac{2}{3}$ . Write a sentence to describe each picture. | Find 5 places where you see fractions being used.   | Measure and record your height in inches and centimeters. How many feet are you? How many meters?      | Write the numbers 1-100 skip counting by 7s.  | Write a number story to go with $17-9+8$ .   | Flip a coin 50 times. Make a chart for the heads and tails. How many heads and tails did you get?                   | What must you add to 6 to 100? What must you add to 26 to get 100?   |
| Predict how many paper clips would fit across your kitchen table. Check it. How close were you?                                  | Explain how to tell time. What does it mean when the big hand moves? When the small hand moves? | Have someone time you jumping on one foot for a minute. Count the number of times you jump. Double it. | Would a dog be 2 feet tall or 20 feet tall? Explain how you know.   | Which is greater, $32-8$ or $27+3$ ? How do you know?  | You have the following: 3 one-dollar bills; 2 quarters; 3 dimes; 4 pennies. How much does that total?               | I have $\frac{1}{4}$ , but I want 1 whole. What do I have to do?   |
| If you start watching TV at 8 am and watch for $1\frac{1}{2}$ hours, what time will it be when you are done?                     | How much less than 52 is 36?  | Write down the years people who live with you were born. Put them in order from least to greatest.     | Make a rectangular array for $8 \times 5$ using a drawing, buttons, beans, etc. How many in all?          | What is the sum of 46 and 55?  | Write a 4-digit number. Circle the number in the thousands place. Put a square around the number in the tens place. | Play a card game: Uno, Fish, Crazy Eights OR Checkers, Connect Four, or Clue.  |