

## 5-6 Summer Math Tic-Tac-Toe

How many seconds are in 5 minutes? How many minutes are in 4 hours? How many seconds in 2 and a half minutes?



The next time you order pizza with your family, what fraction of the pizza did you eat? What fraction is left over?



Flip a coin 25 times. Write a fraction to show how many times it came up heads and another fraction to show how many times it came up tails.

Survey 10 people about their favorite ice cream flavor. Create a bar graph to show the results. Remember to use a key.



Write two different number sentences that are equal to 48. Each number sentence must contain the four operations (addition, subtraction, multiplication, and division).

Play a board game that uses mathematical thinking like Chess, Life, or Monopoly.



What number am I? The digits in my number are 3, 8, 4, and 1. I am odd. I have a 4 in my hundreds place. I am less than 2,000. Create your own riddle.

Find the perimeter and area of your front or back door. Record and explain.



Find the area of your bedroom floor. What room in your house could have twice the area of your bedroom? Half the area of your bedroom? Check.



Find all the different ways you can divide a deck of cards into equal amounts so you have no cards left over. Write division sentences to show the different ways you found.

Is there a street parallel to your street? Look on a map and find 2 streets that are parallel and 2 streets that are perpendicular.



Dad bought 7 pounds of jellybeans. He paid \$55.65 for them. What was the cost per pound?



Have someone time you jumping on one foot for one minute. Count the number of times you jump. Double that number. Then triple the number.

Flip 2 coins together 15 times. How many times did you end up with 2 heads? How many times did you end up with 2 tails? How many times did you end up with 1 head and 1 tail? Create a chart to show your data.

Recite the multiples of 9 up to  $9 \times 12$ . What's your strategy?



Look up the temperature for the last 7 days. What is the maximum? The minimum? The range? The mean? Is there a mode?

Find two different speed limit signs when driving in the car. Find the product of the two.



The movie actually began at 7:05 and finished at 8:45. How much time elapsed? If you left home at 6:35 and returned at 9:05, how long were you out?

When eating out, keep track of how much everyone's meal costs. Find the total. Check the bill to see if you are correct.

When you go to buy school supplies, (clothes, notebooks, etc.), keep track of the amount you spend. Total up the cost.

Gary pays for his lunch with a \$5.00 bill. He receives 5 quarters, 1 dime, 2 nickels, and 4 pennies in change. How much did his lunch cost?

Roll 3 dice, multiply to find the product and record. Create a bar graph to show the results.

Practice facts online.



With your parents, make a list of items to get at the grocery store. Estimate the cost. Add up the cost after you buy them. Calculate the difference.