

Math is a year-round activity, including the summer, and it is important that students practice even when they are not at school. This list of math activities can be used by students and parents to help ensure that math skills stay strong.

Students may also use IXL to work on summer math. If you do, the program will keep track of the time you are working so that you can be recognized for your effort when you return in the fall! If you need help on access, parents can learn more by using these links:

[Summer Parent Handout \(English\)](https://bit.ly/2HXRRt9) or by typing <https://bit.ly/2HXRRt9>
[Summer Parent Handout \(Spanish\)](https://bit.ly/2QNGs6l) o escribiendo <https://bit.ly/2QNGs6l>

If accessing technology is a problem, students may use the computers at the Malden Public Library at 36 Salem Street.

1. 100 is the answer. What could the question be? Challenge yourself to think of more questions. Record your questions.
2. Start at 3 and write all the numbers from 300 to 400 counting by 3's. Write down what patterns you see.
3. Write $500 + 60 + 8$ as a three-digit number and in words. Draw a picture that represents the number in base ten blocks.
4. A farmer planted some sunflower seeds in July. In September, would they they grow closer to 12 inches or 12 feet? How do you know? Explain in writing.
5. Pia was having a party. She put 10 stickers in each party bag. She made 12 bags. How many stickers total were in her 12 bags? Show your work and record your answer
6. Look at a clock. Draw what time it shows. Record how many minutes until the next hour? Draw the clock as it would look at that hour.
7. Practice counting forward and backward by 2's, 5's, and 10's from ANY number. Can you do it while jumping on one foot? Record your numbers.
8. I have 13 apples, but I only want 5. What do I need to do? Draw a picture and write an equation to show your thinking.
9. What is the temperature today? How far is it from 100 degrees Fahrenheit ? How far is from 32 degrees ? Record your data.
10. Look in your refrigerator. Record and categorize the items as dairy, fruit, vegetable, meat, grains, fats, and other. Make a tally chart.
11. Write 5 ways to make 77 cents. Draw the coins and write the equations for each combination.
12. How many times can you hop on your left foot in a minute? Your right foot? Compare the number of hops using the symbols $<$, $>$, $=$. Record your expressions.

13. Write down ten numbers between 1 and 99. Subtract 10 from each number. Record the equations. Explain the strategies you used to subtract ten.
14. How many different ways can you cut a sandwich into fourths? Draw the ways you can do it.
15. You won first place at a contest! You have two choices for the prize. You can take \$20 home with you today or \$2 a day for the next 15 days. Record which option earns more money. Record how much more.
16. What day of the week is it? What is the date? What was the day and the date 2 days ago? What will tomorrow's day and date be? What day and date will it be in 1 week? 2 weeks? 4 weeks? Record all of your answers.
17. Cut out a picture from a magazine or newspaper or use a picture you have at home. Glue it to a piece of paper. Write a story problem to go along with the picture. Challenge a friend to solve it!
18. Record the ages of all of the people who live in your house. What is the sum? Write an equation with the answer.
19. Record how many days until your birthday? Explain how you figured it out.
20. Find and record 20 coins in your house. Write how much it is altogether. Record if the total is more or less than \$3.00. How much more or less?
21. Palindromes are numbers that are the same forward and backwards. (example: 121) How many can you think of? Can you find some in real life?
22. Flip a coin 10 times and record your results. Flip the coin another 10 times. Compare the results. Write what you noticed. What do you think might happen if you flip the coin another 10 times. Try it!
23. Create a survey for Favorite Day of the Week. Ask at least 20 people. Record a graph to show your results.
24. If you start playing a game at 8 a.m. and play for 1 and a half hours, record what time is it when you are done? Show the elapsed time on a number line.
25. You have 2 dimes, 1 nickel, and 3 pennies in my pocket. Record how much money you have. How much money do you have if you double it?
26. Use a grocery store flyer to plan a breakfast. List all the items you need and record the price of each item. How much will breakfast cost?
27. How many ten-dollar bills equal a hundred-dollar bill? Jen had 20 ten-dollar bills. How many hundred dollar bills can she trade them for?
28. The answer is 130. What is the question?
29. Record three ways you can estimate what time it is other than using a clock? Explain your thinking.
30. Draw the table set for dinner. Find the total number of plates, glasses, forks, knives, and spoons. How many items will you need? Write an equation with the answer.