# 2nd Grade Math Menu

1. Find three objects. Use a ruler or measuring tape to determine their length. Find the difference between two of the objects.

2. Create an addition story problem.
   Create a subtraction story problem.
   Have someone solve them.
   Check their work.

3. Make 63 as many ways as you can. Try another number.

4. Practice addition and subtraction within 20. Can you solve the facts with any of these strategies: Near doubles, Near 10 or Break Apart?
   * Use playing cards
   * Use flashcards

5. Solve this riddle:
   I am a three digit number.
   My tens digit is the number of sides on a pentagon.
   My hundreds digit is three less than my tens digit.
   My ones digit is the sum of my tens and hundreds digits.
   What number am I?

6. Solve this riddle:
   Two of my digits are even, but my ones digit is odd.
   The sum of my digits is 11.
   I am between 256 and 299 and I'm not 281.
   What number am I?

7. Solve using the symbols: > < =
   509 _____ 590
   20 + 60 _____ 80 - 20
   99 _____ 100 – 1
   124 – 4 _____ 118 + 2
   Create your own.

8. Pick a three-digit number. Mentally, find 1 more, 1 less, 10 more, 10 less, 100 more and 100 less.

9. A student said, "I solved 2 + 6 + 4 by adding 6 + 4 and then adding 2 to the sum of 10."
   Is her strategy correct? Explain.
   How would you solve 5 + 7 + 3?

10. Practice reading the clock throughout the day. Can you read the time on a digital clock? On an analog clock?

11. How many number sentences can you make with the sum of 100?

12. How many books do you have? Make an estimate. Then count them. How close was your estimate?

13. Start at 57 and skip count to 207 by 10s. Can you count backwards?
    Skip count to 50 by 2s.
    What patterns do you notice?

14. The answer to a story problem is 16 cookies. What might the story problem be?

15. Make a list of two-dimensional shapes. Go on a scavenger hunt to look for those shapes. How many quadrilaterals did you find? Check them off as you find them.

16. Exercise! Count how many sit-ups, push-ups and jumping jacks you can do. How many total sit-ups, push-ups and jumping jacks did you do altogether?

17. Make a paper airplane. Toss it. Measure the distance of the flights. Record the data. Make improvements to increase the distance it flies.

18. Track the time the sun sets each night for a week. What do you notice about the time? What's the difference between the first night you wrote the time down and the last?

19. Play a board game, card game or complete a puzzle. Practice cooperation!

20. Write as many number sentences as you can that have 18 for an answer.

21. $7 + 7 = ?$
    $7 + 8 = ?$
    $8 + 8 = ?$
    $8 + 9 = ?$
    $9 + 9 = ?$
    $9 + 10 = ?$
    What clues help you solve these equations?

22. Draw hands on the clock. Read and write the time.
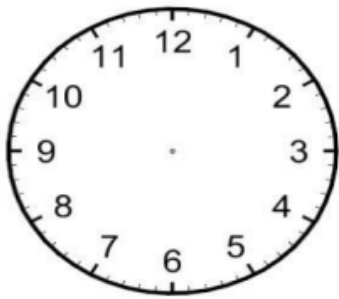
23. Make a three-dimensional shape using playdough or clay and toothpicks or folded paper. How many vertices or corners does your shape have? How many edges? How many faces?

24. There is a relationship among the numbers: 8, 6, and 14.
    Create two addition and two subtraction number sentences that represent the relationship of the numbers.
    Create your own.

25. Make a list of three-dimensional shapes. Go on a scavenger hunt to look for those shapes. Tally the number of each shape you find. Can you create a bar graph to represent the number of shapes you found?

26. The difference between two numbers is 8. What might the numbers be?
    What if the difference is 26?

27. If there are 8 people at the dinner table, how many eyes are there? How many fingers?
    If there are 70 toes under the table, how many people are sitting at the table?

28. Grab a handful or two of pennies. How can you organize them so it is easy to figure out how much money you have?

29. How many different ways can you split a square in half? Can you think of any different ways?

30. Spend 15 minutes outside observing. Create a tally chart of the number of birds, trees, bees and flowers you see. Can you create a picture or bar graph to represent your data?

31. The answer is 17. What is the question?

32. Visit www.bedtimemath.org. With parent/guardian permission, sign up for Fun Nightly Math. You will receive an email each afternoon containing interesting information followed by math questions. Enjoy five quick minutes of number fun daily. Or, check out

the archived daily math.

33. Roll three dice together and add to find the sum. Write each sum down. Roll the dice 20 times.
    What sum did you get the most often? Which sum was least?

34. Combine two congruent triangles to make a rhombus. What other shapes can you create by composing shapes?

35. You found a shape. It has four straight sides. List the shapes it could be. Look for the shapes you listed in your environment.

36. Describe a mistake you made, and what you learned from it.

37. As you are reading a favorite book, write down anything mentioned in the book related to math!

38. Write the doubles combinations (example: 3 + 3, 6 + 6) from 1 to 20.
    Say them from memory.
    Try the near doubles.

39. How have you challenged yourself today or this week?

40. You be the teacher! Find the error on the number line. This student was solving 74 – 38.
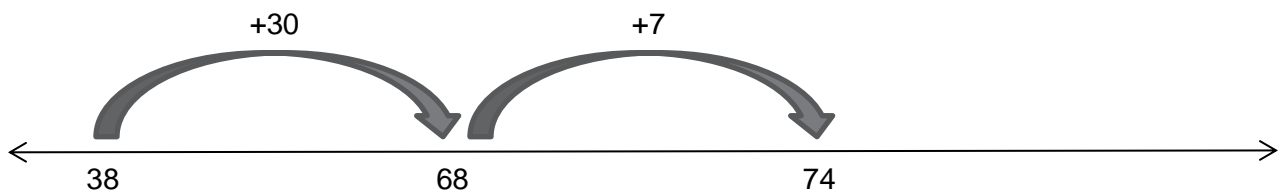
Why do you think the student made this error? What do you think they should have done? What is the correct answer?

41. How many different ways can you cut a sandwich into four equal pieces?
    Try this with real or paper sandwiches. Record your findings with drawings and words.