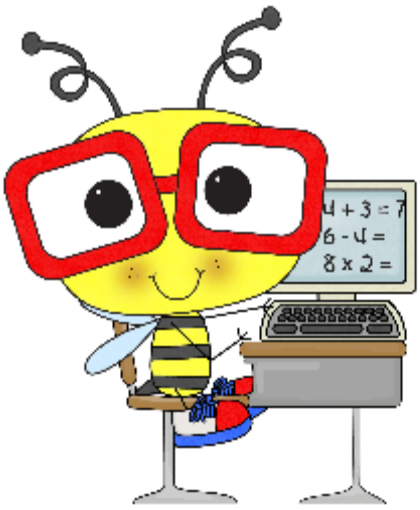
Third Grade Common Core Spiral Math Review

(free edition)



This is just one sample out of 30 weekly Math practices that review key third grade common core math standards with a focus on **standardized test style questions.**

Name: _____ Date: _____

Mighty Math #17

Directions: Solve each problem. Be sure to show how you got your answer and label the units on your answers.

1. Determine the pattern. Complete the missing numbers.

   17, 21, 25, 29, ____, ____, ____

   Describe the rule: _____

2. The rug is 8 feet long and 5 feet wide. What is the total area the rug will cover?

3. Paul looked under the fence at his grandpa's farm to see the cows. He counted 28 legs. How many cows were there?

   Bonus: Inside the barn, there were 8 chickens, 4 pigs, and 6 horses. In addition to the cows, how many legs are on all the animals?

4. Jessica had 8 sheets of paper. Water spilled on 2 sheets, so she threw them in the recycle bin. She drew 7 stars on each remaining sheet. How many stars did Jessica draw?

   Bonus: Each star has 5 points. How many points are on all the stars?

5. Gary ate ⅓ of a candy bar. Mike ate ½ of a candy bar. Lenny ate ⅚ of a candy bar. Who ate the least candy?

6. Brandon has 48 blocks to build 6 towers. Which equation shows how many blocks will be in each tower?

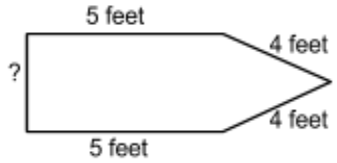
   - O A. 48 x 6 = B
   - O B. 48 + 6 = B
   - O C. 48 – 6 = B
   - O D. 48 ÷ 6 = B

7. What number makes this number sentence true?

   R - 418 = 926

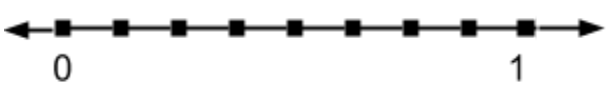
   R= _____

8. The perimeter of this pentagon is 21 feet.



   What is the length of the missing side? _____

9. Put a star at 8/8 on the number line.



10. Lucy's books have a mass of 603 grams. Brian's books have a mass of 538 grams. How much greater is the mass of Lucy's books than Brian's books?

11.

Quarter	Number of Points
1st Quarter	24
2nd Quarter	13
3rd Quarter	31
4th Quarter	29

The table above shows how many points the Cleveland Cavs scored in each quarter. How many points did they score in the whole game?

12. Look at the table in #11. The Miami Heat scored 27 points in the first quarter, 18 points in the second quarter, 24 in the third quarter, and 22 points in the fourth quarter. Which team won?

13. There are 2,356 robins and 5,512 cardinals in the woods. Which expression shows about how many birds are in the woods?

- O A. 2,300 + 5,500
- O B. 2,400 + 5,500
- O C. 2,400 + 5,600
- O D. 2,300 + 5,600

14. Fill in each blank.

_____ = 4 x 8 _____ ÷ 3 = 9

7 x _____ = 21 _____ x 6 = 48

36 ÷ _____ = 9 7 x _____ = 35

15. Mark **all** of the numbers that could be rounded to 7,200.

- O A. 7,284
- O B. 7,219
- O C. 7,186
- O D. 7,301
- O E. 7,246
- O F. 7,285
- O G. 7,244

16. Which **three** statements can be represented by the expression 28 ÷ 4?

- O A. She has 28 cookies. She put 4 on each plate.
- O B. She has 28 flowers. Each flower has 4 petals.
- O C. There were 28 balloons, but 4 popped.
- O D. He planted 28 seeds. He put the seeds in 4 equal rows.
- O E. He made 28 meatballs. 4 rolled onto the floor.
- O F. There are 28 cars. Each car has 4 wheels.
- O G. Four students share 28 books equally.

17. There are 6 third grade basketball teams. Each team has 4 girls and 5 boys. How many third graders play basketball?

18. Write your answer in each blank.

8 x 30 = _____

90 x 5 = _____

60 x 6 = _____

7 x 40 = _____