

Georgia  
**CRCT**  
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## 6th Math Quiz B

Sixth Grade Mathematics  
Quiz

Practice Test

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Instructions:**

Name: \_\_\_\_\_

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Teacher: Practice Test

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1. If two coins are picked from a bag containing a penny, nickel, dime, and quarter, what is the probability that they will be worth less than 20 cents?

- A.  $\frac{0}{2}$
  - B.  $\frac{1}{2}$
  - C.  $\frac{2}{2}$
  - D.  $\frac{2}{1}$
- 

2. Anthony's stride is 300 millimeters. How many centimeters is this?

- A. 30 centimeters
  - B. 35 centimeters
  - C. 40 centimeters
  - D. 45 centimeters
- 

3. Which set of numbers is the prime factorization of 36?

- A.  $\{2 \times 2 \times 2\}$
  - B.  $\{2 \times 2 \times 3\}$
  - C.  $\{2 \times 2 \times 2 \times 2\}$
  - D.  $\{2 \times 2 \times 3 \times 3\}$
- 

4. Lindsey is painting a wall that is 10 feet tall and 12 feet wide. A can of paint will cover an area of 20 square feet. How many cans of paint does she need to cover the whole wall?

- A. 6
  - B. 7
  - C. 8
  - D. 9
-

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5. Find the pattern in the sequence. What are the next four numbers?

7, 12, 9, 14, 11, 16, \_\_\_\_\_

- A. 11, 16, 9, 14
  - B. 13, 18, 15, 20
  - C. 15, 20, 17, 22
  - D. 21, 18, 23, 20
- 

6. Anne spends \$19.25 at the garden center for 5 kilograms of bird seed. What is the price of each kilogram of seed?

- A. \$9.62
  - B. \$5.25
  - C. \$3.85
  - D. \$2.57
- 

7. The number that represents thousandths in 1209.364 is .

- A. 1
  - B. 2
  - C. 3
  - D. 4
- 

8. What is 739,102,456 written in words?

- A. seven hundred thirty-nine million, one hundred thousand four hundred fifty-six
  - B. seven hundred thirty-nine million, nine hundred two thousand, four hundred fifty-six
  - C. seven hundred thirty-nine million, one hundred two thousand, four hundred fifty-six
  - D. seven hundred thirty-nine million, one hundred thousand two thousand four hundred fifty-six
-

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9. Use the strategy of drawing a picture or looking for the pattern to solve the problem below.

Latasha plays a game with her little brother walking home from school. After the first block, they stop and clap their hands 3 times. After the second block, they clap 4 times. On the third block, they clap 5 times. At what block would Latasha and her brother clap 9 times?

- A. 6th
  - B. 7th
  - C. 8th
  - D. 9th
- 

10. Round 189.79 to the nearest whole number.

- A. 180
  - B. 187
  - C. 189
  - D. 190
- 

11. What is the median of the following list of numbers?

10, 20, 60, 80, 40, 30, 50

- A. 20
  - B. 40
  - C. 50
  - D. 80
-

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12. Solve for  $a$ .

$$a - 2 = 8$$

- A. 2
  - B. 6
  - C. 8
  - D. 10
- 

13. Tyler's car has a gas tank that holds 11.9 gallons and gets an average 28.2 miles per gallon. He is going to go on a vacation that will cover 1,500 miles. About how many times will he need to fill his tank?

- A. fewer than 4 times
  - B. 4 times
  - C. 5 times
  - D. more than 5 times
- 

14. What would be the BEST way to show the high and low temperatures in Washington, D.C. for each month of the year?

- A. work backwards
  - B. guess and check
  - C. make a picture
  - D. make a graph
- 

15. Trucks over 5 tons are not allowed on certain streets. How many pounds is this?

- A. 4,000 pounds
  - B. 7,000 pounds
  - C. 10,000 pounds
  - D. 15,000 pounds
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