

# 5th Grade Measurement and Geometry Review

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5th Grade Math Practice

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

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

Solve each problem. Show your work when needed.

1. Convert 10 meters to centimeters:  $10 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

2. What is the volume of a cube with side length 4 cm?  $V = \underline{\hspace{2cm}} \text{ cm}^3$

3. A rectangular prism has a length of 5 cm, width of 3 cm, and height of 2 cm. What is its volume?  
\_\_\_\_\_

4. Circle the larger volume:  $40 \text{ cm}^3$  or  $35 \text{ cm}^3$

5. What number comes next? 2, 4, 8, 16, \_\_\_\_\_

6. If a tank holds 12 gallons of water and you pour in 5 more gallons, how many gallons are in the tank now?  
\_\_\_\_\_

7. Convert 5 kilometers to meters:  $5 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

8. The volume of a prism can be found by multiplying length, width, and height. True or False?

True  False

9. Emma plotted the point (3, 4) on a coordinate plane. What is the x-coordinate?  
\_\_\_\_\_

10. Which is greater: 1.25?:

5 or  1

11. A box has a length of 10 inches, width of 4 inches, and height of 5 inches. What is the volume?  
\_\_\_\_\_

12. Calculate the area of a rectangle with length 6 cm and width 3 cm:  $\text{Area} = \underline{\hspace{2cm}} \text{ cm}^2$

13. If a recipe calls for 2.5 cups of flour and you double it, how many cups do you need?  
\_\_\_\_\_

14. What number comes next? 0.5, 1.0, 1.5, \_\_\_\_\_

15. The coordinate plane has only four quadrants. True or False?

True  False

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**Answer Key**

1. 1000 2. 64 3. 30 4. 40 5. 32 6. 17 7. 5000 8. True 9. 3 10. 1.5 11. 200 12. 18 13. 5 14. 2.0 15. False