

Name: _____

Grade: _____

Date: _____

Mathematics

Measurement – Volume of Rectangular Prism

Choose the correct response for each problem.

1. Volumes of liquids are measured in
 - a. Centimetres
 - b. Square
 - c. Litres
 - d. Cubic metres

2. Cubic centimetres can be abbreviated as
 - a. c^3
 - b. cm^2
 - c. cm
 - d. cm^3

3. Which of the following units is used to measure volume?
 - a. Centimetres
 - b. Cubic centimetres
 - c. Square centimetres
 - d. Millilitres

4. What type of unit is used to measure volume?
 - a. Cubic
 - b. Ordinary
 - c. Square
 - d. Metric

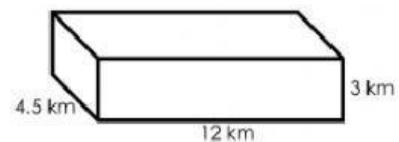
5. The formula for finding the volume of a cube is
 - a. $2 \times \text{side}$
 - b. $\text{Side} \div 4$
 - c. $\text{side} \times \text{side}$
 - d. $\text{side} \times \text{side} \times \text{side}$

6. The dimensions of a rectangular solid are 8cm. by 6cm. by 5cm. Calculate its volume.

- a. 40 cm^3
- b. 180 cm^3
- c. 120 cm^3
- d. 240 cm^3

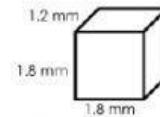
7. The length of a side of a cube is 5cm. calculate the volume.

- a. 125 cm^3
- b. 25 cm^3
- c. 100 cm^3
- d. 60 cm^3



8. The volume of the cuboid is

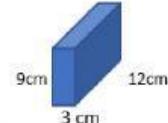
- a. 162
- b. 54 km^3
- c. 162 km^3
- d. 36 km^3



The volume of the cuboid is

9.

- a. 3.24 mm^3
- b. 3.888 mm^3
- c. 4.8 mm^3
- d. 3.6 mm^3



10. The volume of the cuboid is

- a. 348 cm^3
- b. 96 cm^3
- c. 324 cm^3
- d. 423 cm^3

