



## Finding Volume (word)

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

Solve each problem.

- 1) A rectangular prism has a width of 8 cm, a height of 5 cm and a depth of 10 cm.  
What is the volume of the prism?
  
- 2) A cube has width of 9 cm. What is the volume of the cube?
  
- 3) A cube has width of 8 cm. What is the volume of the cube?
  
- 4) A rectangular prism has a width of 5 cm, a height of 10 cm and a depth of 4 cm.  
What is the volume of the prism?
  
- 5) What is the volume of a figure with that is 8 inches wide, 10 inches tall and 5 inches long?
  
- 6) A rectangular prism has a width of 4 cm, a height of 4 cm and a depth of 8 cm.  
What is the volume of the prism?
  
- 7) A rectangular prism has a width of 9 cm, a height of 9 cm and a depth of 5 cm.  
What is the volume of the prism?
  
- 8) A cube has width of 9 cm. What is the volume of the cube?
  
- 9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 10 inches long?
  
- 10) A cube has height of 4 cm. What is the volume of the cube?

## Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.**

- 1) A rectangular prism has a width of 8 cm, a height of 5 cm and a depth of 10 cm.  
What is the volume of the prism?
- 2) A cube has width of 9 cm. What is the volume of the cube?
- 3) A cube has width of 8 cm. What is the volume of the cube?
- 4) A rectangular prism has a width of 5 cm, a height of 10 cm and a depth of 4 cm.  
What is the volume of the prism?
- 5) What is the volume of a figure with that is 8 inches wide, 10 inches tall and 5 inches long?
- 6) A rectangular prism has a width of 4 cm, a height of 4 cm and a depth of 8 cm.  
What is the volume of the prism?
- 7) A rectangular prism has a width of 9 cm, a height of 9 cm and a depth of 5 cm.  
What is the volume of the prism?
- 8) A cube has width of 9 cm. What is the volume of the cube?
- 9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 10 inches long?
- 10) A cube has height of 4 cm. What is the volume of the cube?

**Answers**

1. **400 ft<sup>3</sup>**
2. **729 in<sup>3</sup>**
3. **512 in<sup>3</sup>**
4. **200 cm<sup>3</sup>**
5. **400 in<sup>3</sup>**
6. **128 in<sup>3</sup>**
7. **405 in<sup>3</sup>**
8. **729 in<sup>3</sup>**
9. **300 ft<sup>3</sup>**
10. **64 cm<sup>3</sup>**