



## Finding Volume (word)

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

Solve each problem.

1) A rectangular prism has a width of 2 cm, a height of 7 cm and a depth of 8 cm. What is the volume of the prism?

2) A cube has height of 7 cm. What is the volume of the cube?

3) A rectangular prism has a width of 8 cm, a height of 3 cm and a depth of 3 cm. What is the volume of the prism?

4) What is the volume of a figure with that is 5 inches wide, 9 inches tall and 8 inches long?

5) A cube has width of 9 cm. What is the volume of the cube?

6) What is the volume of a figure with that is 8 inches wide, 8 inches tall and 6 inches long?

7) A rectangular prism has a width of 3 cm, a height of 5 cm and a depth of 3 cm. What is the volume of the prism?

8) What is the volume of a figure with that is 3 inches wide, 5 inches tall and 2 inches long?

9) A rectangular prism has a width of 5 cm, a height of 6 cm and a depth of 5 cm. What is the volume of the prism?

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 2 cm, a height of 7 cm and a depth of 8 cm. What is the volume of the prism?

**Answers****112 in<sup>3</sup>**

2) A cube has height of 7 cm. What is the volume of the cube?

**343 cm<sup>3</sup>**

3) A rectangular prism has a width of 8 cm, a height of 3 cm and a depth of 3 cm. What is the volume of the prism?

**72 cm<sup>3</sup>**

4) What is the volume of a figure with that is 5 inches wide, 9 inches tall and 8 inches long?

**360 in<sup>3</sup>**

5) A cube has width of 9 cm. What is the volume of the cube?

**729 in<sup>3</sup>**

6) What is the volume of a figure with that is 8 inches wide, 8 inches tall and 6 inches long?

**384 cm<sup>3</sup>**

7) A rectangular prism has a width of 3 cm, a height of 5 cm and a depth of 3 cm. What is the volume of the prism?

**45 in<sup>3</sup>**

8) What is the volume of a figure with that is 3 inches wide, 5 inches tall and 2 inches long?

**30 cm<sup>3</sup>**

9) A rectangular prism has a width of 5 cm, a height of 6 cm and a depth of 5 cm. What is the volume of the prism?

**150 mm<sup>3</sup>**

10) A cube has height of 4 cm. What is the volume of the cube?

**64 ft<sup>3</sup>**