

**Solve each problem.****Answers**

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

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**Answers**

1.  **$343 \text{ cm}^3$**
2.  **$27 \text{ mm}^3$**
3.  **$168 \text{ in}^3$**
4.  **$210 \text{ mm}^3$**
5.  **$343 \text{ mm}^3$**
6.  **$324 \text{ in}^3$**
7.  **$360 \text{ in}^3$**
8.  **$160 \text{ ft}^3$**
9.  **$512 \text{ mm}^3$**
10.  **$128 \text{ cm}^3$**