

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

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

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**Answers**

1.  **$343 \text{ cm}^3$**
2.  **$336 \text{ cm}^3$**
3.  **$27 \text{ cm}^3$**
4.  **$72 \text{ cm}^3$**
5.  **$288 \text{ cm}^3$**
6.  **$90 \text{ in}^3$**
7.  **$100 \text{ in}^3$**
8.  **$270 \text{ in}^3$**
9.  **$48 \text{ cm}^3$**
10.  **$8 \text{ cm}^3$**