

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

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

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- 10) A cube has width of 6 cm. What is the volume of the cube?

**Answers**

1.  **$420 \text{ mm}^3$**
2.  **$126 \text{ cm}^3$**
3.  **$1000 \text{ in}^3$**
4.  **$240 \text{ mm}^3$**
5.  **$126 \text{ cm}^3$**
6.  **$360 \text{ cm}^3$**
7.  **$729 \text{ ft}^3$**
8.  **$240 \text{ mm}^3$**
9.  **$486 \text{ ft}^3$**
10.  **$216 \text{ ft}^3$**