

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

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

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- 7) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 5 inches long?
- 8) A cube has width of 5 cm. What is the volume of the cube?
- 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 width of 9 cm. What is the volume of the cube?

**Answers**

1. 280 ft<sup>3</sup>
2. 84 ft<sup>3</sup>
3. 300 in<sup>3</sup>
4. 96 cm<sup>3</sup>
5. 27 in<sup>3</sup>
6. 36 cm<sup>3</sup>
7. 90 ft<sup>3</sup>
8. 125 ft<sup>3</sup>
9. 150 in<sup>3</sup>
10. 729 mm<sup>3</sup>