

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

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

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**Answers**

1. 1000 ft<sup>3</sup>
2. 160 cm<sup>3</sup>
3. 8 cm<sup>3</sup>
4. 108 in<sup>3</sup>
5. 84 ft<sup>3</sup>
6. 96 mm<sup>3</sup>
7. 24 mm<sup>3</sup>
8. 160 mm<sup>3</sup>
9. 105 mm<sup>3</sup>
10. 64 ft<sup>3</sup>