



Solve each problem.

**Answers**

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

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**Answers**

1. 729 mm<sup>3</sup>
2. 108 ft<sup>3</sup>
3. 72 in<sup>3</sup>
4. 216 ft<sup>3</sup>
5. 504 in<sup>3</sup>
6. 216 mm<sup>3</sup>
7. 252 cm<sup>3</sup>
8. 80 ft<sup>3</sup>
9. 125 cm<sup>3</sup>
10. 18 in<sup>3</sup>