



Solve each problem.

**Answers**

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

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**Answers**

1. 343 cm<sup>3</sup>
2. 27 mm<sup>3</sup>
3. 168 in<sup>3</sup>
4. 210 mm<sup>3</sup>
5. 343 mm<sup>3</sup>
6. 324 in<sup>3</sup>
7. 360 in<sup>3</sup>
8. 160 ft<sup>3</sup>
9. 512 mm<sup>3</sup>
10. 128 cm<sup>3</sup>