

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

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

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**Answers**

1. **729 mm<sup>3</sup>**
2. **30 cm<sup>3</sup>**
3. **90 mm<sup>3</sup>**
4. **8 ft<sup>3</sup>**
5. **420 mm<sup>3</sup>**
6. **1000 ft<sup>3</sup>**
7. **180 ft<sup>3</sup>**
8. **72 ft<sup>3</sup>**
9. **225 in<sup>3</sup>**
10. **27 in<sup>3</sup>**