

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

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

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1. **108 mm<sup>3</sup>**
2. **64 mm<sup>3</sup>**
3. **280 in<sup>3</sup>**
4. **200 ft<sup>3</sup>**
5. **210 mm<sup>3</sup>**
6. **729 in<sup>3</sup>**
7. **512 cm<sup>3</sup>**
8. **300 ft<sup>3</sup>**
9. **72 in<sup>3</sup>**
10. **180 cm<sup>3</sup>**