

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

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

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**Answers**

1. **240 cm<sup>3</sup>**
2. **360 cm<sup>3</sup>**
3. **270 cm<sup>3</sup>**
4. **126 in<sup>3</sup>**
5. **120 cm<sup>3</sup>**
6. **125 cm<sup>3</sup>**
7. **343 cm<sup>3</sup>**
8. **64 cm<sup>3</sup>**
9. **378 in<sup>3</sup>**
10. **90 in<sup>3</sup>**