

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

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

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**Answers**

1. **270 in<sup>3</sup>**
2. **343 cm<sup>3</sup>**
3. **294 cm<sup>3</sup>**
4. **480 in<sup>3</sup>**
5. **729 cm<sup>3</sup>**
6. **27 cm<sup>3</sup>**
7. **40 cm<sup>3</sup>**
8. **120 cm<sup>3</sup>**
9. **168 cm<sup>3</sup>**
10. **64 cm<sup>3</sup>**