

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

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

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
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9. _____
10. _____

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Answers

1. **147 cm³**
2. **144 in³**
3. **100 in³**
4. **400 cm³**
5. **27 cm³**
6. **512 cm³**
7. **280 in³**
8. **630 cm³**
9. **216 cm³**
10. **42 cm³**