

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

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

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

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Answers

1. **64 mm^3**
2. **729 cm^3**
3. **72 mm^3**
4. **135 ft^3**
5. **240 ft^3**
6. **140 cm^3**
7. **630 ft^3**
8. **810 cm^3**
9. **216 mm^3**
10. **189 in^3**