

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

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

1. _____
2. _____
3. _____
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6. _____
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10. _____

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

1. **400 ft^3**
2. **729 in^3**
3. **512 in^3**
4. **200 cm^3**
5. **400 in^3**
6. **128 in^3**
7. **405 in^3**
8. **729 in^3**
9. **300 ft^3**
10. **64 cm^3**