

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

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

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

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Answers

1. **36 in^3**
2. **700 cm^3**
3. **270 ft^3**
4. **27 mm^3**
5. **280 mm^3**
6. **240 mm^3**
7. **300 mm^3**
8. **216 cm^3**
9. **343 in^3**
10. **343 cm^3**