

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

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

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

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

- | | |
|---|-------------------------------|
| 1) A cube has height of 3 cm. What is the volume of the cube? | 1. <u>27 ft³</u> |
| 2) What is the volume of a figure with that is 10 inches wide, 6 inches tall and 7 inches long? | 2. <u>420 ft³</u> |
| 3) A rectangular prism has a width of 2 cm, a height of 9 cm and a depth of 4 cm. What is the volume of the prism? | 3. <u>72 cm³</u> |
| 4) A rectangular prism has a width of 5 cm, a height of 5 cm and a depth of 8 cm. What is the volume of the prism? | 4. <u>200 ft³</u> |
| 5) A rectangular prism has a width of 7 cm, a height of 7 cm and a depth of 4 cm. What is the volume of the prism? | 5. <u>196 in³</u> |
| 6) A cube has height of 3 cm. What is the volume of the cube? | 6. <u>27 ft³</u> |
| 7) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 6 inches long? | 7. <u>336 ft³</u> |
| 8) A cube has width of 5 cm. What is the volume of the cube? | 8. <u>125 mm³</u> |
| 9) A cube has height of 7 cm. What is the volume of the cube? | 9. <u>343 mm³</u> |
| 10) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 8 cm. What is the volume of the prism? | 10. <u>320 ft³</u> |