

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

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

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

**Solve each problem.**

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

**Answers**

1. **180 in<sup>3</sup>**
2. **160 cm<sup>3</sup>**
3. **1000 cm<sup>3</sup>**
4. **350 cm<sup>3</sup>**
5. **96 cm<sup>3</sup>**
6. **729 cm<sup>3</sup>**
7. **48 in<sup>3</sup>**
8. **441 cm<sup>3</sup>**
9. **216 cm<sup>3</sup>**
10. **108 in<sup>3</sup>**