<b>Solve</b>	each	problem.

- 1) What is the volume of a figure with that is 6 inches wide, 3 inches tall and 8 inches long?
- . \_\_\_\_\_

**Answers** 

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

6) A cube has height of 9 cm. What is the volume of the cube?

10. \_\_\_\_\_

50 40 30

- 7) A cube has height of 3 cm. What is the volume of the cube?
- 8) A rectangular prism has a width of 9 cm, a height of 3 cm and a depth of 8 cm. What is the volume of the prism?
- 9) A rectangular prism has a width of 9 cm, a height of 6 cm and a depth of 3 cm. What is the volume of the prism?
- **10)** A cube has height of 9 cm. What is the volume of the cube?

## Solve each problem.

volume of the prism?

1) What is the volume of a figure with that is 6 inches wide, 3 inches tall and 8 inches long?

2) A rectangular prism has a width of 8 cm, a height of 9 cm and a depth of 6 cm. What is the

- <u>Answers</u>
- 1. 144 ft<sup>3</sup>
- 2.  $432 \text{ in}^3$
- **60 mm<sup>3</sup>**
- $560 \text{ ft}^3$
- 5. **48 I**I
- 6.  $729 \text{ ft}^3$
- $^{7.}$  27 in<sup>3</sup>
- 8. **216 cm<sup>3</sup>**
- 9. **162 in<sup>3</sup>**
- <sub>10.</sub> **729 mm**<sup>3</sup>

4) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 10 inches long?

3) What is the volume of a figure with that is 2 inches wide, 6 inches tall and 5 inches long?

- 5) A rectangular prism has a width of 2 cm, a height of 3 cm and a depth of 8 cm. What is the volume of the prism?
- 6) A cube has height of 9 cm. What is the volume of the cube?
- 7) A cube has height of 3 cm. What is the volume of the cube?
- 8) A rectangular prism has a width of 9 cm, a height of 3 cm and a depth of 8 cm. What is the volume of the prism?
- 9) A rectangular prism has a width of 9 cm, a height of 6 cm and a depth of 3 cm. What is the volume of the prism?
- **10)** A cube has height of 9 cm. What is the volume of the cube?