



Solve each problem.

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

**Answers**

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



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**Answers**

1. 1000 ft<sup>3</sup>
2. 729 ft<sup>3</sup>
3. 70 in<sup>3</sup>
4. 512 cm<sup>3</sup>
5. 450 mm<sup>3</sup>
6. 18 mm<sup>3</sup>
7. 288 mm<sup>3</sup>
8. 270 in<sup>3</sup>
9. 700 ft<sup>3</sup>
10. 144 ft<sup>3</sup>