

**Solve each problem.**

- 1) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 8 inches long?
  
- 2) A cube has width of 3 cm. What is the volume of the cube?
  
- 3) A rectangular prism has a width of 9 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?
  
- 4) A rectangular prism has a width of 9 cm, a height of 8 cm and a depth of 7 cm. What is the volume of the prism?
  
- 5) A cube has height of 7 cm. What is the volume of the cube?
  
- 6) A cube has height of 6 cm. What is the volume of the cube?
  
- 7) What is the volume of a figure with that is 6 inches wide, 8 inches tall and 3 inches long?
  
- 8) A cube has height of 8 cm. What is the volume of the cube?
  
- 9) A rectangular prism has a width of 9 cm, a height of 5 cm and a depth of 2 cm. What is the volume of the prism?
  
- 10) A rectangular prism has a width of 8 cm, a height of 5 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. 448 in<sup>3</sup>
2. 27 cm<sup>3</sup>
3. 567 cm<sup>3</sup>
4. 504 cm<sup>3</sup>
5. 343 cm<sup>3</sup>
6. 216 cm<sup>3</sup>
7. 144 in<sup>3</sup>
8. 512 cm<sup>3</sup>
9. 90 cm<sup>3</sup>
10. 80 cm<sup>3</sup>