

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

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

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Solve each problem.

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

**Answers**

1. 729 mm<sup>3</sup>
2. 108 ft<sup>3</sup>
3. 72 in<sup>3</sup>
4. 216 ft<sup>3</sup>
5. 504 in<sup>3</sup>
6. 216 mm<sup>3</sup>
7. 252 cm<sup>3</sup>
8. 80 ft<sup>3</sup>
9. 125 cm<sup>3</sup>
10. 18 in<sup>3</sup>



Solve each problem.

Answers

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

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Solve each problem.

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

**Answers**

1. 1000 ft<sup>3</sup>
2. 160 cm<sup>3</sup>
3. 8 cm<sup>3</sup>
4. 108 in<sup>3</sup>
5. 84 ft<sup>3</sup>
6. 96 mm<sup>3</sup>
7. 24 mm<sup>3</sup>
8. 160 mm<sup>3</sup>
9. 105 mm<sup>3</sup>
10. 64 ft<sup>3</sup>



Solve each problem.

Answers

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

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Solve each problem.

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

**Answers**

1. 420 mm<sup>3</sup>
2. 126 cm<sup>3</sup>
3. 1000 in<sup>3</sup>
4. 240 mm<sup>3</sup>
5. 126 cm<sup>3</sup>
6. 360 cm<sup>3</sup>
7. 729 ft<sup>3</sup>
8. 240 mm<sup>3</sup>
9. 486 ft<sup>3</sup>
10. 216 ft<sup>3</sup>



Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

1. 108 mm<sup>3</sup>
2. 64 mm<sup>3</sup>
3. 280 in<sup>3</sup>
4. 200 ft<sup>3</sup>
5. 210 mm<sup>3</sup>
6. 729 in<sup>3</sup>
7. 512 cm<sup>3</sup>
8. 300 ft<sup>3</sup>
9. 72 in<sup>3</sup>
10. 180 cm<sup>3</sup>



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

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

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Solve each problem.

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

**Answers**

1. 280 ft<sup>3</sup>
2. 84 ft<sup>3</sup>
3. 300 in<sup>3</sup>
4. 96 cm<sup>3</sup>
5. 27 in<sup>3</sup>
6. 36 cm<sup>3</sup>
7. 90 ft<sup>3</sup>
8. 125 ft<sup>3</sup>
9. 150 in<sup>3</sup>
10. 729 mm<sup>3</sup>



Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

1. 210 in<sup>3</sup>
2. 343 mm<sup>3</sup>
3. 80 ft<sup>3</sup>
4. 64 mm<sup>3</sup>
5. 64 ft<sup>3</sup>
6. 54 cm<sup>3</sup>
7. 490 ft<sup>3</sup>
8. 360 ft<sup>3</sup>
9. 144 ft<sup>3</sup>
10. 630 cm<sup>3</sup>



Solve each problem.

**Answers**

- 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 volume of the prism?
- 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?
- 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?

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Solve each problem.

- 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 volume of the prism?
- 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?
- 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?

**Answers**

1. 144 ft<sup>3</sup>
2. 432 in<sup>3</sup>
3. 60 mm<sup>3</sup>
4. 560 ft<sup>3</sup>
5. 48 ft<sup>3</sup>
6. 729 ft<sup>3</sup>
7. 27 in<sup>3</sup>
8. 216 cm<sup>3</sup>
9. 162 in<sup>3</sup>
10. 729 mm<sup>3</sup>



Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

1. 343 cm<sup>3</sup>
2. 27 mm<sup>3</sup>
3. 168 in<sup>3</sup>
4. 210 mm<sup>3</sup>
5. 343 mm<sup>3</sup>
6. 324 in<sup>3</sup>
7. 360 in<sup>3</sup>
8. 160 ft<sup>3</sup>
9. 512 mm<sup>3</sup>
10. 128 cm<sup>3</sup>





Solve each problem.

**Answers**

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

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Solve each problem.

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

**Answers**

1. 64 in<sup>3</sup>
2. 216 cm<sup>3</sup>
3. 42 in<sup>3</sup>
4. 8 ft<sup>3</sup>
5. 24 in<sup>3</sup>
6. 480 ft<sup>3</sup>
7. 1000 in<sup>3</sup>
8. 8 mm<sup>3</sup>
9. 216 mm<sup>3</sup>
10. 144 ft<sup>3</sup>



Solve each problem.

**Answers**

- 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?

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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. 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>