

**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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- 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 mm³
2. 108 ft³
3. 72 in³
4. 216 ft³
5. 504 in³
6. 216 mm³
7. 252 cm³
8. 80 ft³
9. 125 cm³
10. 18 in³



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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- 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 ft³
2. 160 cm³
3. 8 cm³
4. 108 in³
5. 84 ft³
6. 96 mm³
7. 24 mm³
8. 160 mm³
9. 105 mm³
10. 64 ft³



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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- 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 mm³
2. 126 cm³
3. 1000 in³
4. 240 mm³
5. 126 cm³
6. 360 cm³
7. 729 ft³
8. 240 mm³
9. 486 ft³
10. 216 ft³



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 mm³
2. 64 mm³
3. 280 in³
4. 200 ft³
5. 210 mm³
6. 729 in³
7. 512 cm³
8. 300 ft³
9. 72 in³
10. 180 cm³



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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- 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 ft³
2. 84 ft³
3. 300 in³
4. 96 cm³
5. 27 in³
6. 36 cm³
7. 90 ft³
8. 125 ft³
9. 150 in³
10. 729 mm³



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?
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- 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 in³
2. 343 mm³
3. 80 ft³
4. 64 mm³
5. 64 ft³
6. 54 cm³
7. 490 ft³
8. 360 ft³
9. 144 ft³
10. 630 cm³



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

Answers

1. 144 ft³
2. 432 in³
3. 60 mm³
4. 560 ft³
5. 48 ft³
6. 729 ft³
7. 27 in³
8. 216 cm³
9. 162 in³
10. 729 mm³



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?
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- 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 cm³
2. 27 mm³
3. 168 in³
4. 210 mm³
5. 343 mm³
6. 324 in³
7. 360 in³
8. 160 ft³
9. 512 mm³
10. 128 cm³



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

Answers

1. 64 in³
2. 216 cm³
3. 42 in³
4. 8 ft³
5. 24 in³
6. 480 ft³
7. 1000 in³
8. 8 mm³
9. 216 mm³
10. 144 ft³



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?
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- 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 ft³
2. 729 ft³
3. 70 in³
4. 512 cm³
5. 450 mm³
6. 18 mm³
7. 288 mm³
8. 270 in³
9. 700 ft³
10. 144 ft³