Solve each problem.

1) A cube has depth of 10 cm. What is the volume of the cube?

2) What is the volume of a figure with that is 6 inches wide, 3 inches tall and 4 inches long?

3) A cube has width of 6 cm. What is the volume of the cube?

4) A cube has width of 8 cm. What is the volume of the cube?

5) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 2 cm. What is the volume of the prism?

6) A rectangular prism has a width of 8 cm, a height of 8 cm and a depth of 10 cm. What is the volume of the prism?

7) A rectangular prism has a width of 9 cm, a height of 10 cm and a depth of 5 cm. What is the volume of the prism?

8) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 2 cm. What is the volume of the prism?

9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 5 inches long?

10) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 8 inches long?
Solve each problem.
1) A cube has depth of 10 cm. What is the volume of the cube?

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8) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 2 cm. What is the volume of the prism?

9) What is the volume of a figure with that is 10 inches wide, 3 inches tall and 5 inches long?

10) What is the volume of a figure with that is 2 inches wide, 9 inches tall and 8 inches long?

**Answers**

1. 1000 cm$^3$
2. 72 in$^3$
3. 216 cm$^3$
4. 512 cm$^3$
5. 80 cm$^3$
6. 640 cm$^3$
7. 450 cm$^3$
8. 126 cm$^3$
9. 150 in$^3$
10. 144 in$^3$
Solve each problem.

1) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 5 cm. What is the volume of the prism?

2) A cube has width of 2 cm. What is the volume of the cube?

3) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 7 inches long?

4) A cube has width of 9 cm. What is the volume of the cube?

5) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 5 inches long?

6) A cube has height of 3 cm. What is the volume of the cube?

7) A rectangular prism has a width of 2 cm, a height of 9 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 8 inches wide, 3 inches tall and 10 inches long?

9) A rectangular prism has a width of 4 cm, a height of 3 cm and a depth of 5 cm. What is the volume of the prism?

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Solve each problem.

1) A rectangular prism has a width of 5 cm, a height of 8 cm and a depth of 5 cm. What is the volume of the prism?

2) A cube has width of 2 cm. What is the volume of the cube?

3) What is the volume of a figure with that is 3 inches wide, 3 inches tall and 7 inches long?

4) A cube has width of 9 cm. What is the volume of the cube?

5) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 5 inches long?

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

9) A rectangular prism has a width of 4 cm, a height of 3 cm and a depth of 5 cm. What is the volume of the prism?

10) A rectangular prism has a width of 8 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

Answers
1. 200 cm³
2. 8 cm³
3. 63 in³
4. 729 cm³
5. 250 in³
6. 27 cm³
7. 36 cm³
8. 240 in³
9. 60 cm³
10. 160 cm³
Solve each problem.

1) 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?

Answer: 80 cm$^3$

2) What is the volume of a figure with that is 9 inches wide, 3 inches tall and 3 inches long?

Answer: 81 in$^3$

3) A cube has depth of 9 cm. What is the volume of the cube?

Answer: 729 cm$^3$

4) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 2 inches long?

Answer: 112 in$^3$

5) A cube has height of 3 cm. What is the volume of the cube?

Answer: 27 cm$^3$

6) A rectangular prism has a width of 6 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?

Answer: 48 cm$^3$

7) A cube has width of 5 cm. What is the volume of the cube?

Answer: 125 cm$^3$

8) A rectangular prism has a width of 5 cm, a height of 2 cm and a depth of 7 cm. What is the volume of the prism?

Answer: 70 cm$^3$

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

Answer: 30 in$^3$

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

Answer: 168 cm$^3$
Solve each problem.

1) 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?

2) What is the volume of a figure with that is 9 inches wide, 3 inches tall and 3 inches long?

3) A cube has depth of 9 cm. What is the volume of the cube?

4) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 2 inches long?

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

10) A rectangular prism has a width of 7 cm, a height of 8 cm and a depth of 3 cm. What is the volume of the prism?
Solve each problem.

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

2) A cube has width of 7 cm. What is the volume of the cube?

3) What is the volume of a figure with that is 5 inches wide, 5 inches tall and 4 inches long?

4) What is the volume of a figure with that is 5 inches wide, 10 inches tall and 3 inches long?

5) A rectangular prism has a width of 3 cm, a height of 4 cm and a depth of 10 cm. What is the volume of the prism?

6) 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?

7) A rectangular prism has a width of 8 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?

8) A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

9) What is the volume of a figure with that is 3 inches wide, 8 inches tall and 5 inches long?

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Solve each problem.

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

2) A cube has width of 7 cm. What is the volume of the cube?

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5) A rectangular prism has a width of 3 cm, a height of 4 cm and a depth of 10 cm. What is the volume of the prism?

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7) A rectangular prism has a width of 8 cm, a height of 9 cm and a depth of 7 cm. What is the volume of the prism?

8) A rectangular prism has a width of 7 cm, a height of 2 cm and a depth of 10 cm. What is the volume of the prism?

9) What is the volume of a figure with that is 3 inches wide, 8 inches tall and 5 inches long?

10) A cube has width of 10 cm. What is the volume of the cube?
Solve each problem.

1) A cube has depth of 3 cm. What is the volume of the cube?

2) 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?

3) What is the volume of a figure with that is 10 inches wide, 2 inches tall and 3 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 6 cm, a height of 6 cm and a depth of 10 cm. What is the volume of the prism?

6) What is the volume of a figure with that is 8 inches wide, 7 inches tall and 6 inches long?

7) A rectangular prism has a width of 7 cm, a height of 6 cm and a depth of 7 cm. What is the volume of the prism?

8) A cube has depth of 5 cm. What is the volume of the cube?

9) What is the volume of a figure with that is 6 inches wide, 2 inches tall and 10 inches long?

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Solve each problem.

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10) A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 7 cm. What is the volume of the prism?
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<tr>
<th>Solve each problem.</th>
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7. What is the volume of a figure with that is 10 inches wide, 7 inches tall and 10 inches long?

8. A rectangular prism has a width of 10 cm, a height of 4 cm and a depth of 2 cm. What is the volume of the prism?

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

10. What is the volume of a figure with that is 9 inches wide, 5 inches tall and 8 inches long?
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2) A cube has depth of 3 cm. What is the volume of the cube?

3) A rectangular prism has a width of 2 cm, a height of 3 cm and a depth of 2 cm. What is the volume of the prism?

4) What is the volume of a figure with that is 3 inches wide, 2 inches tall and 7 inches long?

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2) A rectangular prism has a width of 4 cm, a height of 9 cm and a depth of 4 cm. What is the volume of the prism?

3) What is the volume of a figure with that is 6 inches wide, 4 inches tall and 3 inches long?

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<td>1. 450 in$^3$</td>
</tr>
<tr>
<td>2. 144 cm$^3$</td>
</tr>
<tr>
<td>3. 72 in$^3$</td>
</tr>
<tr>
<td>4. 40 cm$^3$</td>
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<tr>
<td>5. 1000 cm$^3$</td>
</tr>
<tr>
<td>6. 216 cm$^3$</td>
</tr>
<tr>
<td>7. 240 in$^3$</td>
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<td>8. 512 cm$^3$</td>
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1) What is the volume of a figure with that is 4 inches wide, 8 inches tall and 10 inches long?

2) A rectangular prism has a width of 4 cm, a height of 5 cm and a depth of 6 cm. What is the volume of the prism?

3) A cube has width of 2 cm. What is the volume of the cube?

4) A rectangular prism has a width of 9 cm, a height of 7 cm and a depth of 4 cm. What is the volume of the prism?

5) What is the volume of a figure with that is 6 inches wide, 7 inches tall and 6 inches long?

6) 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?

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Answers

1. __________
2. __________
3. __________
4. __________
5. __________
6. __________
7. __________
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