Solve the problems.

1) A piece of plywood was cut so its length was 8 feet by 4 feet. What is the area of the wood?

2) A book had a length of 5 inches and a width of 10 inches. What is the area of the book?

3) A rectangle swimming pool was 9 meters wide with a surface area of 90 square meters. What is the length of the pool?

4) An envelope from the post office is 3 inches wide with a total area of 30 square inches. What is the height of the envelope?

5) A book had a length of 5 inches and a width of 8 inches. What is the perimeter of the book?

6) Wendy bought some wrapping paper for Christmas that was 5 feet long and 2 feet wide. What is the area of the wrapping paper she bought?

7) Rachel was cutting out some fabric for a friend. She cut a piece that was 5 centimeters wide and had an area of 20 cm². How long was the piece?

8) Faye bought some wrapping paper for Christmas that was 8 feet long and 8 feet wide. What is the perimeter of the wrapping paper she bought?

9) A rug had a length of 2 feet and a total area of 10 ft². What is the width of the rug?

10) An envelope from the post office is 6 inches wide and 8 inches long. What is the perimeter of the envelope?
### Solve the problems.

1) A piece of plywood was cut so its length was 8 feet by 4 feet. What is the area of the wood?

2) A book had a length of 5 inches and a width of 10 inches. What is the area of the book?

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9) A rug had a length of 2 feet and a total area of 10 ft². What is the width of the rug?

10) An envelope from the post office is 6 inches wide and 8 inches long. What is the perimeter of the envelope?

### Answers

1. \[32 \text{ ft}^2\]
2. \[50 \text{ in}^2\]
3. \[10 \text{ m}\]
4. \[10 \text{ in}\]
5. \[26 \text{ in}\]
6. \[10 \text{ ft}^2\]
7. \[4 \text{ cm}\]
8. \[32 \text{ ft}\]
9. \[5 \text{ ft}\]
10. \[28 \text{ in}\]
Solve the problems.

1) A piece of plywood was cut so its length was 8 feet by 4 feet. What is the area of the wood?

2) A book had a length of 5 inches and a width of 10 inches. What is the area of the book?

3) A rectangle swimming pool was 9 meters wide with a surface area of 90 square meters. What is the length of the pool?

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8) Faye bought some wrapping paper for Christmas that was 8 feet long and 8 feet wide. What is the perimeter of the wrapping paper she bought?

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10) An envelope from the post office is 6 inches wide and 8 inches long. What is the perimeter of the envelope?

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<td>10 in</td>
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Answers:

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

Finding Perimeter and Area
### Solve the problems.

1) Adam was painting a wall in his room. The wall was 4 feet wide and 4 feet tall. What is the area of the wall he has to paint?

2) A lawn had an area of 35 square feet. If it was 7 feet width, how long was it?

3) A rectangle flower bed had a total area of 35 square yards. If it was 5 yards wide, how long was it?

4) At the playground, the new sandbox was 10 meters wide and had an area of 60 square meters. How long is the sandbox?

5) The woods behind Tom's house were 8 miles wide and 6 miles long. What is the area of the woods?

6) A video game map was 3 meters wide and 5 meters long, what is the area of the map?

7) A book had a length of 5 inches and a width of 8 inches. What is the perimeter of the book?

8) Faye was cutting out some fabric for a friend. She cut a piece that was 3 centimeters wide and had an area of 24 cm². How long was the piece?

9) Sarah had a sheet of paper that was 3 inches long and 7 inches wide. What is the perimeter of the paper?

10) A piece of plywood was cut so its length was 6 feet by 5 feet. What is the perimeter of the wood?

### Answers

1. ___________
2. ___________
3. ___________
4. ___________
5. ___________
6. ___________
7. ___________
8. ___________
9. ___________
10. ___________
Solve the problems.

1) Adam was painting a wall in his room. The wall was 4 feet wide and 4 feet tall. What is the area of the wall he has to paint?

2) A lawn had an area of 35 square feet. If it was 7 feet width, how long was it?

3) A rectangle flower bed had a total area of 35 square yards. If it was 5 yards wide, how long was it?

4) At the playground, the new sandbox was 10 meters wide and had an area of 60 square meters. How long is the sandbox?

5) The woods behind Tom's house were 8 miles wide and 6 miles long. What is the area of the woods?

6) A video game map was 3 meters wide and 5 meters long, what is the area of the map?

7) A book had a length of 5 inches and a width of 8 inches. What is the perimeter of the book?

8) Faye was cutting out some fabric for a friend. She cut a piece that was 3 centimeters wide and had an area of 24 cm². How long was the piece?

9) Sarah had a sheet of paper that was 3 inches long and 7 inches wide. What is the perimeter of the paper?

10) A piece of plywood was cut so its length was 6 feet by 5 feet. What is the perimeter of the wood?
1) Adam was painting a wall in his room. The wall was 4 feet wide and 4 feet tall. What is the area of the wall he has to paint?

2) A lawn had an area of 35 square feet. If it was 7 feet width, how long was it?

3) A rectangle flower bed had a total area of 35 square yards. If it was 5 yards wide, how long was it?

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9) Sarah had a sheet of paper that was 3 inches long and 7 inches wide. What is the perimeter of the paper?

10) A piece of plywood was cut so its length was 6 feet by 5 feet. What is the perimeter of the wood?
Solve the problems.

1) Adam was painting a picture frame. The frame was 6 inches wide and 9 inches tall. What is the perimeter of the picture frame?

2) A rectangle had a length of 7 inches and a width of 4 inches. What is the perimeter of the rectangle?

3) A lawn had a length of 3 feet and a width of 5 feet. What is the area of the lawn?

4) A movie poster was 4 inches wide and 7 inches tall. What is the area of the poster?

5) Chloe had a sheet of paper that was 7 inches long and the area was $35 \text{ in}^2$. What is the width of the paper?

6) A video game map had a total area of 16 square meters. If the map was 2 meters long, how wide is it?

7) Luke was painting a wall in his room. The wall was 5 feet wide and 8 feet tall. What is the area of the wall he has to paint?

8) A movie poster was 2 inches wide and 5 inches tall. What is the perimeter of the poster?

9) A window had a length of 4 feet and a width of 3 feet. What is the perimeter of the window?

10) Amy was cutting out some fabric for a friend. She cut a piece that was 4 centimeters wide and 10 centimeters long. What is the area of the fabric she cut out?
Solve the problems.

1) Adam was painting a picture frame. The frame was 6 inches wide and 9 inches tall. What is the perimeter of the picture frame?

2) A rectangle had a length of 7 inches and a width of 4 inches. What is the perimeter of the rectangle?

3) A lawn had a length of 3 feet and a width of 5 feet. What is the area of the lawn?

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9) A window had a length of 4 feet and a width of 3 feet. What is the perimeter of the window?

10) Amy was cutting out some fabric for a friend. She cut a piece that was 4 centimeters wide and 10 centimeters long. What is the area of the fabric she cut out?

Answers

1. 30 in
2. 22 in
3. 15 ft²
4. 28 in²
5. 5 in
6. 8 m
7. 40 ft²
8. 14 in
9. 14 ft
10. 40 cm²
1) Adam was painting a picture frame. The frame was 6 inches wide and 9 inches tall. What is the perimeter of the picture frame?

2) A rectangle had a length of 7 inches and a width of 4 inches. What is the perimeter of the rectangle?

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<table>
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<th>40 cm(^2)</th>
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<tr>
<td>14 ft</td>
<td>15 ft(^2)</td>
<td>5 in</td>
<td>40 ft(^2)</td>
<td>30 in</td>
</tr>
</tbody>
</table>

Solve the problems.
Solve the problems.

1) Adam bought a new flat screen TV with an area of 21 ft$^2$. The screen is 3 feet wide. How tall is it?

2) At the playground, the new sandbox was 2 meters wide and had an area of 4 square meters. How long is the sandbox?

3) A lawn had an area of 90 square feet. If it was 9 feet width, how long was it?

4) A video game map was 4 meters wide and 2 meters long, what is the perimeter of the map?

5) A rug had a length of 9 feet and a width of 8 feet. What is the area of the rug?

6) The woods behind Wendy's house were 8 miles wide and have an area of 24 square miles. What is the length of the woods?

7) Rachel bought some wrapping paper for Christmas that was 10 feet long and 6 feet wide. What is the area of the wrapping paper she bought?

8) A restaurant added a new outdoor section that was 9 feet wide and 5 feet long. What is the perimeter of their new outdoor section?

9) At the playground, the new sandbox was 4 meters wide and 2 meters long. What is the area of the sandbox?

10) A restaurant added a new outdoor section that was 35 ft$^2$. It was 7 feet wide. How long is their new section?
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10) A restaurant added a new outdoor section that was 35 ft\(^2\). It was 7 feet wide. How long is their new section?
Solve the problems.

1) A book had a length of 3 inches and a width of 5 inches. What is the area of the book?

2) A rectangle had a length of 7 inches and a total area of 14 square inches. What is the width of the rectangle?

3) Billy was painting a wall in his room. The total area was 8 ft². If the wall was 2 feet wide, how tall is it?

4) Megan bought some wrapping paper for Christmas that was 7 feet long and 2 feet wide. What is the area of the wrapping paper she bought?

5) Chloe bought some wrapping paper for Christmas that was 7 feet long and 3 feet wide. What is the perimeter of the wrapping paper she bought?

6) A lawn had a length of 9 feet and a width of 8 feet. What is the perimeter of the lawn?

7) A book had a length of 9 inches and a width of 9 inches. What is the perimeter of the book?

8) A piece of sheetrock was cut so its length was 2 feet by 6 feet. What is the perimeter of the sheetrock?

9) An envelope from the post office is 4 inches wide and 4 inches long. What is the area of the envelope?

10) The woods behind Jerry's house were 6 miles wide and 3 miles long. What is the area of the woods?
Solve the problems.

1) A book had a length of 3 inches and a width of 5 inches. What is the area of the book?

2) A rectangle had a length of 7 inches and a total area of 14 square inches. What is the width of the rectangle?

3) Billy was painting a wall in his room. The total area was 8 ft². If the wall was 2 feet wide, how tall is it?

4) Megan bought some wrapping paper for Christmas that was 7 feet long and 2 feet wide. What is the area of the wrapping paper she bought?

5) Chloe bought some wrapping paper for Christmas that was 7 feet long and 3 feet wide. What is the perimeter of the wrapping paper she bought?

6) A lawn had a length of 9 feet and a width of 8 feet. What is the perimeter of the lawn?

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Solve the problems.

1) A restaurant added a new outdoor section that was 4 feet wide and 6 feet long. What is the area of their new outdoor section?

2) An island in the Pacific Ocean was 5 miles wide. It had a total area of 50 square miles. How long is the island?

3) Paige was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and 5 centimeters long. What is the area of the fabric she cut out?

4) A rectangle had a length of 2 inches and a width of 4 inches. What is the area of the rectangle?

5) A rug had a length of 7 feet and a total area of 35 ft². What is the width of the rug?

6) A rectangle flower bed had a total area of 50 square yards. If it was 10 yards wide, how long was it?

7) A bakery cookie sheet was 2 inches wide and 4 inches long. What is the perimeter of their cookie sheet?

8) A book had a length of 9 inches and a width of 10 inches. What is the area of the book?

9) A book had a length of 5 inches and a width of 5 inches. What is the perimeter of the book?

10) At the playground, the new sandbox was 5 meters wide and 2 meters long. What is the perimeter of the sandbox?
Solve the problems.

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9) A book had a length of 5 inches and a width of 5 inches. What is the perimeter of the book?

10) At the playground, the new sandbox was 5 meters wide and 2 meters long. What is the perimeter of the sandbox?

Answers

1. 24 ft²
2. 10 mi
3. 30 cm²
4. 8 in²
5. 5 ft
6. 5 yd
7. 12 in
8. 90 in²
9. 20 in
10. 14 m
Solve the problems.

1) A restaurant added a new outdoor section that was 4 feet wide and 6 feet long. What is the area of their new outdoor section?

2) An island in the Pacific Ocean was 5 miles wide. It had a total area of 50 square miles. How long is the island?

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9) A book had a length of 5 inches and a width of 5 inches. What is the perimeter of the book?

10) At the playground, the new sandbox was 5 meters wide and 2 meters long. What is the perimeter of the sandbox?
Solve the problems.

1) An island in the Indian Ocean was 4 miles wide and 7 miles long. What is the perimeter of the island?

2) A lawn had a length of 4 feet and a width of 4 feet. What is the area of the lawn?

3) Paige was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and had an area of 36 cm². How long was the piece?

4) A restaurant added a new outdoor section that was 6 feet wide and 4 feet long. What is the area of their new outdoor section?

5) A lawn had a length of 10 feet and a width of 8 feet. What is the perimeter of the lawn?

6) A book had a length of 9 inches and a total area of 63 in². How wide is the book?

7) A window had a length of 10 feet and a width of 6 feet. What is the perimeter of the window?

8) A piece of plywood was cut so its length was 3 feet by 3 feet. What is the area of the wood?

9) A piece of sheetrock was cut so its length was 6 feet by 5 feet. What is the area of the sheetrock?

10) A video game map had a total area of 10 square meters. If the map was 5 meters long, how wide is it?
### Solve the problems.

1. An island in the Indian Ocean was 4 miles wide and 7 miles long. What is the perimeter of the island?
2. A lawn had a length of 4 feet and a width of 4 feet. What is the area of the lawn?
3. Paige was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and had an area of 36 cm². How long was the piece?
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8. A piece of plywood was cut so its length was 3 feet by 3 feet. What is the area of the wood?
9. A piece of sheetrock was cut so its length was 6 feet by 5 feet. What is the area of the sheetrock?
10. A video game map had a total area of 10 square meters. If the map was 5 meters long, how wide is it?

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<td>3. 6 cm</td>
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<td>4. 24 ft²</td>
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<td>5. 36 ft</td>
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<td>6. 7 in</td>
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<td>7. 32 ft</td>
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<tr>
<td>8. 9 ft²</td>
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<td>9. 30 ft²</td>
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<td>10. 2 m</td>
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Solve the problems.

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<th>32 ft</th>
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<tbody>
<tr>
<td>36 ft</td>
<td>2 m</td>
<td>7 in</td>
<td>24 ft²</td>
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1) An island in the Indian Ocean was 4 miles wide and 7 miles long. What is the perimeter of the island?

2) A lawn had a length of 4 feet and a width of 4 feet. What is the area of the lawn?

3) Paige was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and had an area of 36 cm². How long was the piece?

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7) A window had a length of 10 feet and a width of 6 feet. What is the perimeter of the window?

8) A piece of plywood was cut so its length was 3 feet by 3 feet. What is the area of the wood?

9) A piece of sheetrock was cut so its length was 6 feet by 5 feet. What is the area of the sheetrock?

10) A video game map had a total area of 10 square meters. If the map was 5 meters long, how wide is it?
Solve the problems.

1) A farm was 2 miles wide and 5 miles long. What is the perimeter of the farm?

2) An island in the Atlantic Ocean was 2 miles wide and 6 miles long. What is the area of the island?

3) A piece of plywood was cut so its length was 3 feet by 10 feet. What is the area of the wood?

4) A window had a length of 6 feet and a width of 10 feet. What is the area of the window?

5) A window had a length of 6 feet and a width of 7 feet. What is the perimeter of the window?

6) An envelope from the post office is 6 inches wide with a total area of 36 square inches. What is the height of the envelope?

7) A farm was 8 miles wide and 7 miles long. What is the area of the farm?

8) A piece of plywood had a total area of 24 square feet, with a width of 6 feet. What is the length of the wood?

9) A bakery cookie sheet was 10 inches wide and 2 inches long. What is the perimeter of their cookie sheet?

10) A rectangle swimming pool was 6 meters wide with a surface area of 54 square meters. What is the length of the pool?
Solve the problems.

1) A farm was 2 miles wide and 5 miles long. What is the perimeter of the farm?

2) An island in the Atlantic Ocean was 2 miles wide and 6 miles long. What is the area of the island?

3) A piece of plywood was cut so its length was 3 feet by 10 feet. What is the area of the wood?

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2) An island in the Atlantic Ocean was 2 miles wide and 6 miles long. What is the area of the island?

3) A piece of plywood was cut so its length was 3 feet by 10 feet. What is the area of the wood?

4) A window had a length of 6 feet and a width of 10 feet. What is the area of the window?

5) A window had a length of 6 feet and a width of 7 feet. What is the perimeter of the window?

6) An envelope from the post office is 6 inches wide with a total area of 36 square inches. What is the height of the envelope?

7) A farm was 8 miles wide and 7 miles long. What is the area of the farm?

8) A piece of plywood had a total area of 24 square feet, with a width of 6 feet. What is the length of the wood?

9) A bakery cookie sheet was 10 inches wide and 2 inches long. What is the perimeter of their cookie sheet?

10) A rectangle swimming pool was 6 meters wide with a surface area of 54 square meters. What is the length of the pool?
Solve the problems.

1) A piece of plywood was cut so its length was 2 feet by 6 feet. What is the area of the wood?

2) A video game map was 10 meters wide and 2 meters long, what is the area of the map?

3) A restaurant added a new outdoor section that was 6 feet wide and 8 feet long. What is the perimeter of their new outdoor section?

4) Dave bought a new flat screen TV. The screen was 2 feet wide and 4 feet tall. What is the area of the screen?

5) A movie poster was 10 inches wide and 3 inches tall. What is the perimeter of the poster?

6) A rectangle swimming pool was 3 meters wide with a surface area of 30 square meters. What is the length of the pool?

7) Rachel had a sheet of paper that was 5 inches long and the area was 25 in\(^2\). What is the width of the paper?

8) An island in the Atlantic Ocean was 3 miles wide and 3 miles long. What is the area of the island?

9) Sam bought a new flat screen TV. The screen was 4 feet wide and 6 feet tall. What is the perimeter of the screen?

10) The woods behind Jerry's house were 3 miles wide and 9 miles long. What is the perimeter of the woods?
Solve the problems.

1) A piece of plywood was cut so its length was 2 feet by 6 feet. What is the area of the wood?

2) A video game map was 10 meters wide and 2 meters long, what is the area of the map?

3) A restaurant added a new outdoor section that was 6 feet wide and 8 feet long. What is the perimeter of their new outdoor section?

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7) Rachel had a sheet of paper that was 5 inches long and the area was 25 in². What is the width of the paper?

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10) The woods behind Jerry's house were 3 miles wide and 9 miles long. What is the perimeter of the woods?
Solve the problems.

1) A rectangle flower bed had a total area of 40 square yards. If it was 4 yards wide, how long was it?

2) Janet had a sheet of paper that was 4 inches long and the area was 40 in². What is the width of the paper?

3) An envelope from the post office is 6 inches wide and 8 inches long. What is the area of the envelope?

4) A restaurant added a new outdoor section that was 40 ft². It was 4 feet wide. How long is their new section?

5) Chloe bought some wrapping paper for Christmas that was 5 feet long and 3 feet wide. What is the area of the wrapping paper she bought?

6) A farm was 7 miles wide and 8 miles long. What is the area of the farm?

7) At the playground, the new sandbox was 4 meters wide and 2 meters long. What is the perimeter of the sandbox?

8) A book had a length of 5 inches and a total area of 50 in². How wide is the book?

9) A rectangle had a length of 10 inches and a width of 9 inches. What is the perimeter of the rectangle?

10) A rug had a length of 2 feet and a width of 8 feet. What is the perimeter of the rug?

Answers

1. ___________
2. ___________
3. ___________
4. ___________
5. ___________
6. ___________
7. ___________
8. ___________
9. ___________
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Solve the problems.

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