

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

- 1) An island in the Pacific Ocean was 8 miles wide. It had a total area of 16 square miles. How long is the island?
- 2) A bathroom had a length of 6 feet and a total area of  $54 \text{ ft}^2$ . What is the width of the bathroom?
- 3) Jerry bought a new flat screen TV. The screen was 3 feet wide and 7 feet tall. What is the perimeter of the screen?
- 4) A lawn had a length of 2 feet and a width of 9 feet. What is the area of the lawn?
- 5) Janet was cutting out some fabric for a friend. She cut a piece that was 3 centimeters wide and 4 centimeters long. What is the area of the fabric she cut out?
- 6) A piece of plywood had a total area of 80 square feet, with a width of 8 feet. What is the length of the wood?
- 7) Sarah bought some wrapping paper for Christmas that was 10 feet long and 9 feet wide. What is the area of the wrapping paper she bought?
- 8) The surface of a swimming pool was 2 meters wide and 10 meters long. What is the area of the surface?
- 9) Debby was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and 9 centimeters long. What is the perimeter of the fabric she cut out?
- 10) Ned was painting a picture frame. The frame was 3 inches wide and 6 inches tall. What is the perimeter of the picture frame?

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**Answers**

1. 2 mi
2. 9 ft
3. 20 ft
4.  $18 \text{ ft}^2$
5.  $12 \text{ cm}^2$
6. 10 ft
7.  $90 \text{ ft}^2$
8.  $20 \text{ m}^2$
9. 30 cm
10. 18 in



Solve each problem.

|                    |       |                    |       |                    |
|--------------------|-------|--------------------|-------|--------------------|
| 90 ft <sup>2</sup> | 10 ft | 9 ft               | 30 cm | 20 m <sup>2</sup>  |
| 2 mi               | 18 in | 12 cm <sup>2</sup> | 20 ft | 18 ft <sup>2</sup> |

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