

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

- 1) Amy was cutting out some fabric for a friend. She cut a piece that was 2 centimeters wide and had an area of  $18 \text{ cm}^2$ . How long was the piece?
- 2) An island in the Atlantic Ocean was 2 miles wide and 10 miles long. What is the area of the island?
- 3) An envelope from the post office is 7 inches wide with a total area of 49 square inches. What is the height of the envelope?
- 4) Edward bought a new flat screen TV with an area of  $18 \text{ ft}^2$ . The screen is 3 feet wide. How tall is it?
- 5) Mike bought a new flat screen TV. The screen was 3 feet wide and 7 feet tall. What is the perimeter of the screen?
- 6) A restaurant added a new outdoor section that was 8 feet wide and 3 feet long. What is the area of their new outdoor section?
- 7) An island in the Pacific Ocean was 8 miles wide. It had a total area of 64 square miles. How long is the island?
- 8) Isabel bought some wrapping paper for Christmas that was 3 feet long and 3 feet wide. What is the area of the wrapping paper she bought?
- 9) A movie poster was 3 inches wide and 9 inches tall. What is the perimeter of the poster?
- 10) Dave was painting a wall in his room. The wall was 8 feet wide and 6 feet tall. What is the area of the wall he has to paint?

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1. **9 cm**
2.  **$20 \text{ mi}^2$**
3. **7 in**
4. **6 ft**
5. **20 ft**
6.  **$24 \text{ ft}^2$**
7. **8 mi**
8.  **$9 \text{ ft}^2$**
9. **24 in**
10.  **$48 \text{ ft}^2$**



Solve each problem.

**Answers**20 mi<sup>2</sup>

7 in

9 cm

24 ft<sup>2</sup>

20 ft

48 ft<sup>2</sup>

8 mi

24 in

6 ft

9 ft<sup>2</sup>

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