

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

- 1) An envelope from the post office is 4 inches wide and 10 inches long. What is the area of the envelope?
- 2) A piece of sheetrock was cut so its length was 4 feet by 4 feet. What is the perimeter of the sheetrock?
- 3) A rectangle flower bed had a total area of 24 square yards. If it was 8 yards wide, how long was it?
- 4) A lawn had a length of 7 feet and a width of 2 feet. What is the perimeter of the lawn?
- 5) An island in the Pacific Ocean was 4 miles wide. It had a total area of 8 square miles. How long is the island?
- 6) A rug had a length of 4 feet and a width of 10 feet. What is the area of the rug?
- 7) A book had a length of 4 inches and a total area of 40 in^2 . How wide is the book?
- 8) A restaurant added a new outdoor section that was 7 feet wide and 10 feet long. What is the area of their new outdoor section?
- 9) A piece of plywood had a total area of 27 square feet, with a width of 9 feet. What is the length of the wood?
- 10) A movie poster was 7 inches wide and 6 inches tall. What is the perimeter of the poster?

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Answers

1. 40 in²
2. 16 ft
3. 3 yd
4. 18 ft
5. 2 mi
6. 40 ft²
7. 10 in
8. 70 ft²
9. 3 ft
10. 26 in



Solve each problem.

18 ft

10 in

 40 in^2

3 ft

16 ft

 40 ft^2

2 mi

3 yd

 70 ft^2

26 in

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