

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

- 1) A piece of sheetrock was cut so its length was 8 feet by 10 feet. What is the area of the sheetrock?
- 2) A movie poster was 4 inches wide and 2 inches tall. What is the area of the poster?
- 3) Rachel bought some wrapping paper for Christmas that was 4 feet long and 6 feet wide. What is the perimeter of the wrapping paper she bought?
- 4) An envelope from the post office is 8 inches wide and 3 inches long. What is the area of the envelope?
- 5) A rectangle had a length of 10 inches and a total area of 40 square inches. What is the width of the rectangle?
- 6) A rectangle had a length of 3 inches and a width of 9 inches. What is the area of the rectangle?
- 7) A rectangle swimming pool was 7 meters wide with a surface area of 63 square meters. What is the length of the pool?
- 8) A bakery cookie sheet was 5 inches wide and has an area of 45 square inches. What is the length of the cookie sheet?
- 9) A restaurant added a new outdoor section that was 24 ft^2 . It was 6 feet wide. How long is their new section?
- 10) The woods behind Kaleb's house were 3 miles wide and 9 miles long. What is the perimeter of the woods?

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1. **80 ft^2**
2. **8 in^2**
3. **20 ft**
4. **24 in^2**
5. **4 in**
6. **27 in^2**
7. **9 m**
8. **9 in**
9. **4 ft**
10. **24 mi**



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Answers

9 m	24 in ²	4 ft	27 in ²	20 ft
24 mi	8 in ²	9 in	4 in	80 ft ²

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