

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

- 1) A rug had a length of 9 feet and a width of 3 feet. What is the perimeter of the rug?
- 2) A piece of plywood was cut so its length was 6 feet by 2 feet. What is the area of the wood?
- 3) Bianca had a sheet of paper that was 9 inches long and 4 inches wide. What is the perimeter of the paper?
- 4) Tiffany was cutting out some fabric for a friend. She cut a piece that was 6 centimeters wide and had an area of  $30 \text{ cm}^2$ . How long was the piece?
- 5) Sarah had a sheet of paper that was 9 inches long and the area was  $63 \text{ in}^2$ . What is the width of the paper?
- 6) The woods behind Will's house were 6 miles wide and 10 miles long. What is the area of the woods?
- 7) Haley was cutting out some fabric for a friend. She cut a piece that was 7 centimeters wide and 6 centimeters long. What is the area of the fabric she cut out?
- 8) An island in the Indian Ocean was 4 miles wide and 10 miles long. What is the perimeter of the island?
- 9) The woods behind Edward's house were 5 miles wide and 6 miles long. What is the perimeter of the woods?
- 10) A bathroom had a length of 2 feet and a total area of  $6 \text{ ft}^2$ . What is the width of the bathroom?

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**Answers**

1. 24 ft
2.  $12 \text{ ft}^2$
3. 26 in
4. 5 cm
5. 7 in
6.  $60 \text{ mi}^2$
7.  $42 \text{ cm}^2$
8. 28 mi
9. 22 mi
10. 3 ft



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7 in	42 cm <sup>2</sup>	12 ft <sup>2</sup>	3 ft	26 in
60 mi <sup>2</sup>	28 mi	24 ft	5 cm	22 mi

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