

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

- 1) A rectangle had a length of 9 inches and a total area of 72 square inches. What is the width of the rectangle?
- 2) A book had a length of 8 inches and a width of 8 inches. What is the perimeter of the book?
- 3) An envelope from the post office is 9 inches wide and 2 inches long. What is the area of the envelope?
- 4) Cody bought a new flat screen TV with an area of 18 ft^2 . The screen is 9 feet wide. How tall is it?
- 5) The surface of a swimming pool was 3 meters wide and 2 meters long. What is the perimeter of the surface?
- 6) A video game map was 9 meters wide and 7 meters long, what is the perimeter of the map?
- 7) John was painting a wall in his room. The total area was 72 ft^2 . If the wall was 9 feet wide, how tall is it?
- 8) A bathroom had a length of 6 feet and a width of 5 feet. What is the area of the bathroom?
- 9) Gwen bought some wrapping paper for Christmas that was 9 feet long and 6 feet wide. What is the perimeter of the wrapping paper she bought?
- 10) George bought a new flat screen TV. The screen was 4 feet wide and 4 feet tall. What is the area of the screen?

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1. **8 in**
2. **32 in**
3. **18 in^2**
4. **2 ft**
5. **10 m**
6. **32 m**
7. **8 ft**
8. **30 ft^2**
9. **30 ft**
10. **16 ft^2**



Solve each problem.

2 ft	18 in ²	32 in	30 ft ²	10 m
8 ft	32 m	16 ft ²	8 in	30 ft

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