

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

- 1) Jerry bought a new flat screen TV with an area of  $64 \text{ ft}^2$ . The screen is 8 feet wide. How tall is it?
- 2) A piece of plywood was cut so its length was 10 feet by 3 feet. What is the area of the wood?
- 3) Ned was painting a wall in his room. The total area was  $70 \text{ ft}^2$ . If the wall was 10 feet wide, how tall is it?
- 4) Isabel bought some wrapping paper for Christmas that was 4 feet long and 8 feet wide. What is the perimeter of the wrapping paper she bought?
- 5) An envelope from the post office is 9 inches wide and 8 inches long. What is the perimeter of the envelope?
- 6) Cody was painting a wall in his room. The wall was 2 feet wide and 3 feet tall. What is the area of the wall he has to paint?
- 7) A rectangle flower bed was 5 yards wide and 7 yards long. What is the area of the flower bed?
- 8) A rectangle had a length of 3 inches and a total area of 30 square inches. What is the width of the rectangle?
- 9) A restaurant added a new outdoor section that was 9 feet wide and 6 feet long. What is the perimeter of their new outdoor section?
- 10) Lana had a sheet of paper that was 6 inches long and 9 inches wide. What is the perimeter of the paper?

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**Answers**

1. **8 ft**
2.  **$30 \text{ ft}^2$**
3. **7 ft**
4. **24 ft**
5. **34 in**
6.  **$6 \text{ ft}^2$**
7.  **$35 \text{ yd}^2$**
8. **10 in**
9. **30 ft**
10. **30 in**