

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

- 1) At the playground, the new sandbox was 6 meters wide and had an area of 60 square meters. How long is the sandbox?
- 2) A movie poster was 3 inches wide with a total area of  $21 \text{ in}^2$ . How tall is the movie poster?
- 3) Janet was cutting out some fabric for a friend. She cut a piece that was 10 centimeters wide and had an area of  $30 \text{ cm}^2$ . How long was the piece?
- 4) At the playground, the new sandbox was 3 meters wide and 8 meters long. What is the area of the sandbox?
- 5) The surface of a swimming pool was 7 meters wide and 3 meters long. What is the perimeter of the surface?
- 6) A rectangle had a length of 9 inches and a width of 5 inches. What is the area of the rectangle?
- 7) A window had a length of 9 feet and a width of 6 feet. What is the area of the window?
- 8) Edward was painting a picture frame. The frame was 4 inches wide and 10 inches tall. What is the perimeter of the picture frame?
- 9) The woods behind Will's house were 6 miles wide and 9 miles long. What is the perimeter of the woods?
- 10) Nancy bought some wrapping paper for Christmas that was 6 feet long and with an area of 30 square feet. What is the width of the wrapping paper?

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**Answers**

1. 10 m
2. 7 in
3. 3 cm
4.  $24 \text{ m}^2$
5. 20 m
6.  $45 \text{ in}^2$
7.  $54 \text{ ft}^2$
8. 28 in
9. 30 mi
10. 5 ft



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54 ft <sup>2</sup>	30 mi	20 m	3 cm	10 m
5 ft	24 m <sup>2</sup>	7 in	28 in	45 in <sup>2</sup>

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