

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

- 1) The woods behind Cody's house were 10 miles wide and 7 miles long. What is the area of the woods?
- 2) A window had a length of 4 feet and a width of 6 feet. What is the perimeter of the window?
- 3) A book had a length of 9 inches and a width of 3 inches. What is the perimeter of the book?
- 4) A rug had a length of 4 feet and a width of 10 feet. What is the area of the rug?
- 5) Adam bought a new flat screen TV. The screen was 7 feet wide and 9 feet tall. What is the perimeter of the screen?
- 6) A book had a length of 9 inches and a total area of 81 in^2 . How wide is the book?
- 7) At the playground, the new sandbox was 6 meters wide and 3 meters long. What is the perimeter of the sandbox?
- 8) A rectangle swimming pool was 8 meters wide with a surface area of 48 square meters. What is the length of the pool?
- 9) A restaurant added a new outdoor section that was 18 ft^2 . It was 3 feet wide. How long is their new section?
- 10) A bakery cookie sheet was 4 inches wide and has an area of 16 square inches. What is the length of the cookie sheet?

1. _____
2. _____
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Answers

1. **70 mi^2**
2. **20 ft**
3. **24 in**
4. **40 ft^2**
5. **32 ft**
6. **9 in**
7. **18 m**
8. **6 m**
9. **6 ft**
10. **4 in**