

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

- 1) A rug had a length of 3 feet and a total area of 6 ft^2 . What is the width of the rug?
- 2) A rectangle had a length of 9 inches and a width of 2 inches. What is the perimeter of the rectangle?
- 3) Will bought a new flat screen TV. The screen was 5 feet wide and 3 feet tall. What is the perimeter of the screen?
- 4) A rectangle had a length of 4 inches and a total area of 20 square inches. What is the width of the rectangle?
- 5) A bathroom had a length of 10 feet and a width of 2 feet. What is the area of the bathroom?
- 6) A piece of plywood was cut so its length was 5 feet by 6 feet. What is the perimeter of the wood?
- 7) A bakery cookie sheet was 7 inches wide and has an area of 56 square inches. What is the length of the cookie sheet?
- 8) At the playground, the new sandbox was 8 meters wide and 6 meters long. What is the area of the sandbox?
- 9) An island in the Atlantic Ocean was 8 miles wide and 4 miles long. What is the area of the island?
- 10) A video game map was 4 meters wide and 4 meters long, what is the area of the map?

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

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|---|------------------------------------|
| 1) A rug had a length of 3 feet and a total area of 6 ft^2 . What is the width of the rug? | 1. <u>2 ft</u> |
| 2) A rectangle had a length of 9 inches and a width of 2 inches. What is the perimeter of the rectangle? | 2. <u>22 in</u> |
| 3) Will bought a new flat screen TV. The screen was 5 feet wide and 3 feet tall. What is the perimeter of the screen? | 3. <u>16 ft</u> |
| 4) A rectangle had a length of 4 inches and a total area of 20 square inches. What is the width of the rectangle? | 4. <u>5 in</u> |
| 5) A bathroom had a length of 10 feet and a width of 2 feet. What is the area of the bathroom? | 5. <u>20 ft²</u> |
| 6) A piece of plywood was cut so its length was 5 feet by 6 feet. What is the perimeter of the wood? | 6. <u>22 ft</u> |
| 7) A bakery cookie sheet was 7 inches wide and has an area of 56 square inches. What is the length of the cookie sheet? | 7. <u>8 in</u> |
| 8) At the playground, the new sandbox was 8 meters wide and 6 meters long. What is the area of the sandbox? | 8. <u>48 m²</u> |
| 9) An island in the Atlantic Ocean was 8 miles wide and 4 miles long. What is the area of the island? | 9. <u>32 mi²</u> |
| 10) A video game map was 4 meters wide and 4 meters long, what is the area of the map? | 10. <u>16 m²</u> |



Solve each problem.

Answers

2 ft	48 m ²	8 in	20 ft ²	22 in
32 mi ²	16 ft	5 in	16 m ²	22 ft

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