

Rectangle and Square

Part A: Direct Questions

1. Find the **perimeter** of a rectangle with length 12 cm and breadth 8 cm.
 2. A square has a side of 15 cm. Find its **area**.
 3. The length of a rectangle is 20 m and perimeter is 70 m. Find its **breadth**.
 4. A square's perimeter is 64 cm. Find its **area**.
 5. A rectangle has an area of 96 cm^2 and breadth 8 cm. Find its **length**.
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Part B: Word Problems

6. The length of a hall is 25 m and breadth is 15 m. Find the **area of the floor**.
7. A square park has side 30 m. Find the **perimeter**.
8. The length of a rectangle is 40 cm and its area is 800 cm^2 . Find its **breadth** and **perimeter**.

9. A rectangular garden is 50 m by 35 m. How much **fencing** is required around it?

10. A carpet is in the shape of a square with side 18 m. Find the **area**.

Part C: Higher Thinking

11. A square field and a rectangular field have the same perimeter of 80 m. The rectangle has a length of 30 m. Find the **breadth** of the rectangle and compare their **areas**.

12. A square playground has an area of 1936 m^2 . Find its **side** and **perimeter**.

13. The length of a rectangle is twice its breadth. If its area is 242 cm^2 , find its **length, breadth, and perimeter**.

14. A square and a rectangle both have area 144 cm^2 . The rectangle's length is 24 cm. Find its breadth. Which has the **greater perimeter**?

15. A farmer wants to fence a square plot of land with side 75 m. He also wants to divide it into 25 equal smaller square plots. Find the **side of each smaller plot** and their **perimeter**.
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Bonus Puzzle

16. The area of a square is equal to the area of a rectangle of sides 24 cm and 18 cm. Find the **perimeter of the square**.