

Area & Perimeter - Practice Worksheet

Name: _____ Date: _____

Instructions: Find the area AND perimeter of each shape. Show your working. Use 3.14 for pi where needed. Answers are in the Answer Key section.

1. Rectangle: length = 8 cm, width = 3 cm. Find the area and perimeter.

2. Square: side = 7 m. Find the area and perimeter.

3. Rectangle: length = 12 ft, width = 5 ft. Find the area and perimeter.

4. Triangle: base = 10 cm, height = 6 cm, sides = 10 cm, 8 cm, 6 cm. Find the area and perimeter.

5. Rectangle: length = 15 m, width = 9 m. Find the area and perimeter.

6. Square: side = 11 in. Find the area and perimeter.

7. Triangle: base = 14 cm, height = 9 cm, sides = 14 cm, 10 cm, 10 cm (isosceles). Find the area and perimeter.

8. Circle: radius = 5 cm. Find the area and circumference (use $\pi = 3.14$).

9. Composite L-shape: outer rectangle 10 cm x 8 cm with a 4 cm x 3 cm rectangle cut from one corner. Find the area of the L-shape.

10. A rectangular garden is 20 m long and 13 m wide. How many meters of fencing are needed to enclose it, and what is the area of the garden?

Answer Key

1. Area = 24 cm^2 ; Perimeter = 22 cm

2. Area = 49 m^2 ; Perimeter = 28 m

3. Area = 60 ft^2 ; Perimeter = 34 ft

4. Area = 30 cm^2 ; Perimeter = 24 cm

5. Area = 135 m^2 ; Perimeter = 48 m

6. Area = 121 in^2 ; Perimeter = 44 in

7. Area = 63 cm^2 ; Perimeter = 34 cm

8. Area = 78.5 cm^2 ; Circumference = 31.4 cm

9. Area = $80 - 12 = 68 \text{ cm}^2$

10. Perimeter (fencing) = 66 m; Area = 260 m^2

