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# **GRADE 5, 6 & 7 WORKSHEET**

## **Topic: PERIMETER AND AREA OF PLANE SHAPES**

**Name:** \_\_\_\_\_

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### **A. Multiple Choice Questions**

1. A square has a side of 6 cm. Find its perimeter.  
A. 24 cm   B. 20 cm   C. 18 cm   D. 26 cm   E. 22 cm
  2. A rectangle has length 8 m and width 5 m. Find its area.  
A.  $40 \text{ m}^2$    B.  $30 \text{ m}^2$    C.  $35 \text{ m}^2$    D.  $45 \text{ m}^2$    E.  $38 \text{ m}^2$
  3. A triangle has base 6 cm and height 4 cm. Find its area.  
A.  $12 \text{ cm}^2$    B.  $10 \text{ cm}^2$    C.  $14 \text{ cm}^2$    D.  $15 \text{ cm}^2$    E.  $11 \text{ cm}^2$
  4. A rhombus has diagonals 10 cm and 8 cm. Find its area.  
A.  $40 \text{ cm}^2$    B.  $38 \text{ cm}^2$    C.  $36 \text{ cm}^2$    D.  $42 \text{ cm}^2$    E.  $44 \text{ cm}^2$
  5. A kite has diagonals 12 m and 5 m. Find its area.  
A.  $30 \text{ m}^2$    B.  $35 \text{ m}^2$    C.  $25 \text{ m}^2$    D.  $32 \text{ m}^2$    E.  $28 \text{ m}^2$
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### **B. Short Answer Questions**

6. Find the perimeter of a rectangle with length 25 m and width 10 m.
7. Find the area of a square whose side is 11 cm.

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8. Calculate the perimeter of a triangle with sides 70 cm, 80 cm, and 90 cm.
  9. A parallelogram has base 32 cm and height 15 cm. Find its area.
  10. Find the perimeter of a rhombus whose side is 8 m.
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## C. Word Problems

11. A rectangular garden is 40 m long and 25 m wide. Find its perimeter and area.
  12. A triangular park has base 80 m and height 20 m. Find the area.
  13. A trapezium has parallel sides 12 cm and 8 cm and height 6 cm. Find its area.
  14. A kite has diagonals 20 m and 18 m. Find its area.
  15. A parallelogram has sides 12 cm and 8 cm, with height 5 cm. Find its perimeter and area.
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## D. Challenge Questions

16. A rhombus has diagonals of 16 cm and 12 cm. Find the area and perimeter if each side is 10 cm.
17. A trapezium has sides 10 cm, 12 cm, 8 cm, 6 cm, with height 5 cm. Find its perimeter and area.
18. A triangle has sides 13 cm, 14 cm, and 15 cm. Find the perimeter.
19. A kite has sides 7 m and 9 m, with diagonals 10 m and 8 m. Find the perimeter and area.

20. A square garden has a side of 25 m. A path 5 m wide runs along the inside perimeter. Find the remaining area of the garden.

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