Perimeter and Area Worksheet – Class 6

Name: _____ Date: _____ Marks: ___ / 18

A. Perimeter of Shapes

1. Find the perimeter of a rectangle with length 12 cm and width 8 cm.
2. A square has a side of 7 cm. Find its perimeter.
3. Find the perimeter of a triangle with sides 5 cm, 6 cm, and 7 cm.
4. A rectangular garden has a length of 15 m and width of 10 m. Find its perimeter.
5. The sides of a pentagon are 6 cm each. Find its perimeter.

B. Area of Shapes

1. Find the area of a rectangle with length 10 m and width 5 m.
2. A square has a side of 9 cm. Find its area.
3. The base of a triangle is 8 m and its height is 6 m. Find its area.
4. A parallelogram has a base of 12 cm and height 5 cm. Find its area.
5. A rectangle has a length of 7 m and width of 4 m. Find its area.

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C. Word Problems

1. A rectangular playground is 40 m long and 25 m wide. Find its perimeter and area.
2. A square garden has an area of 64 m². Find the length of each side and its perimeter.
3. A triangle has a base of 10 cm and height of 8 cm. Find its area.
4. A farmer wants to fence a rectangular field 50 m long and 30 m wide. How much fencing material is needed?
5. The area of a parallelogram is 96 cm², and its base is 12 cm. Find its height.

D. Challenge Questions

1. A rectangular hall has a perimeter of 60 m. If the length is 18 m, find the width.
2. A triangle has sides 7 cm, 10 cm, and 5 cm. Find its perimeter.
3. The area of a rectangle is 120 m². If the length is 15 m, find the width.