

Board – Foundation	Class – 7 th	Topic – Perimeter and Area
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1. A square has a perimeter of 40 cm. What is the length of one side?
(a) 5 cm (b) 10 cm
(c) 20 cm (d) 40 cm
2. What is the area of a rectangle with length 9 cm and breadth 4 cm?
(a) 36 cm² (b) 13 cm²
(c) 18 cm² (d) 72 cm²
3. Perimeter of a triangle with sides 7 cm, 8 cm, and 5 cm is:
(a) 15 cm (b) 20 cm
(c) 18 cm (d) 16 cm
4. Which unit is used to measure area?
(a) cm (b) cm²
(c) cm³ (d) m
5. A circle has a diameter of 14 cm. Its radius is:
(a) 14 cm (b) 7 cm
(c) 28 cm (d) 21 cm
6. The side of a square is 6 cm. What is its area?
(a) 12 cm² (b) 18 cm²
(c) 36 cm² (d) 24 cm²
7. If the length and breadth of a rectangle are 12 cm and 5 cm respectively, what is its perimeter?
(a) 60 cm (b) 34 cm
(c) 24 cm (d) 17 cm
8. What is the circumference of a circle with radius 5 cm? (Use $\pi = 3.14$)
(a) 31.4 cm (b) 25 cm
(c) 15.7 cm (d) 78.5 cm

9. The area of a rectangle is 48 cm^2 and its length is 8 cm. What is its breadth?
- (a) 6 cm (b) 8 cm
(c) 12 cm (d) 4 cm
10. What is the perimeter of a square whose side is 9 cm?
- (a) 36 cm (b) 27 cm
(c) 18 cm (d) 81 cm
11. Which of the following shapes does NOT have a diagonal?
- (a) Rectangle (b) Square
(c) Triangle (d) Parallelogram
12. The area of a triangle with base 10 cm and height 6 cm is:
- (a) 30 cm^2 (b) 60 cm^2
(c) 16 cm^2 (d) 36 cm^2
13. The length of a rectangle is twice its breadth. If the breadth is 5 cm, what is its area?
- (a) 10 cm^2 (b) 25 cm^2
(c) 50 cm^2 (d) 100 cm^2
14. The circumference of a circle is 44 cm. What is its diameter? (Use $\pi = \frac{22}{7}$)
- (a) 7 cm (b) 14 cm
(c) 22 cm (d) 28 cm
15. If a square and a rectangle have the same perimeter of 24 cm, and the rectangle's length is 8 cm, what is its breadth?
- (a) 2 cm (b) 4 cm
(c) 6 cm (d) 8 cm