

Board – Foundation	Class – 7 <sup>th</sup>	Topic – Perimeter and Area
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- The perimeter of a square is given by:
  - side  $\times$  side
  - $3 \times$  side
  - $4 \times$  side
  - $2 \times$  side
- The area of a rectangle with length  $l$  and breadth  $b$  is:
  - $l + b$
  - $2(l + b)$
  - $l \times b$
  - $l - b$
- The area of a square with side 8 cm is:
  - $16 \text{ cm}^2$
  - $64 \text{ cm}^2$
  - $32 \text{ cm}^2$
  - $24 \text{ cm}^2$
- The circumference of a circle with diameter 14 cm ( $\pi = \frac{22}{7}$ ) is:
  - 22 cm
  - 44 cm
  - 28 cm
  - 7 cm

5.  $1 \text{ m}^2$  is equal to how many  $\text{cm}^2$ ?
- (a) 100
  - (b) 1000
  - (c) 10000
  - (d) 100000
6. The area of a parallelogram with base 14 cm and height 7 cm is:
- (a)  $21 \text{ cm}^2$
  - (b)  $49 \text{ cm}^2$
  - (c)  $98 \text{ cm}^2$
  - (d)  $28 \text{ cm}^2$
7. The breadth of a rectangle with length 12 cm and perimeter 36 cm is:
- (a) 6 cm
  - (b) 3 cm
  - (c) 9 cm
  - (d) 12 cm
8. The area of a triangle with base 10 cm and height 5 cm is:
- (a)  $25 \text{ cm}^2$
  - (b)  $50 \text{ cm}^2$
  - (c)  $30 \text{ cm}^2$
  - (d)  $15 \text{ cm}^2$

9. The diameter of a circle is 10 cm. What is its circumference? ( $\pi = 3.14$ )
- (a) 31.4 cm
  - (b) 20 cm
  - (c) 15.7 cm
  - (d) 25 cm
10. If the area of a rectangle is  $440 \text{ m}^2$  and its length is 22 m, the breadth is:
- (a) 5 m
  - (b) 10 m
  - (c) 20 m
  - (d) 22 m
11. What happens to the area of a square if its side is doubled?
- (a) Becomes 2 times
  - (b) Becomes 3 times
  - (c) Becomes 4 times
  - (d) Becomes 8 times
12. The area of a circle with radius 7 cm ( $\pi = \frac{22}{7}$ ) is:
- (a)  $154 \text{ cm}^2$
  - (b)  $77 \text{ cm}^2$
  - (c)  $44 \text{ cm}^2$
  - (d)  $22 \text{ cm}^2$
13. 1 hectare is equal to:
- (a)  $1000 \text{ m}^2$
  - (b)  $5000 \text{ m}^2$
  - (c)  $10,000 \text{ m}^2$
  - (d)  $100,000 \text{ m}^2$

14. The area of a rectangle is  $10.8 \text{ cm}^2$  and its length is 3.6 cm. The breadth is:
- (a) 4 cm
  - (b) 3 cm
  - (c) 2 cm
  - (d) 6 cm
15. The ratio of the radii of two circles is 3 : 2. What is the ratio of their circumferences?
- (a) 2 : 3
  - (b) 1 : 3
  - (c) 3 : 2
  - (d) 3 : 1