

**MOUNT LITERA ZEE SCHOOL**  
**GRADE -6**  
**SUBJECT-MATHEMATICS WORKSHEET**  
**Topic – Mensuration**

**Date-20.02.21**

- 1. The length and breadth of a rectangle are 40 cm and 10 cm respectively. Its perimeter is:**  
(a) 100 cm            (b) 120 cm            (c) 140 cm            (d) none of these
- 2. The side of a square is 8 cm. Its area is:**  
(a) 64 cm<sup>2</sup>            (b) 84 cm<sup>2</sup>            (c) 100 cm<sup>2</sup>            (d) none of these
- 3. The area of a rectangle is 40 cm<sup>2</sup>. If its breadth is 4 cm, then its length is:**  
(a) 20 cm            (b) 30 cm            (c) 10 cm            (d) none of these
- 4. The area of square is 100 cm<sup>2</sup>. Its side is:**  
(a) 20 cm            (b) 30 cm            (c) 10 cm            (d) none of these
- 5. The side of a square is 12 m. Its perimeter is:**  
(a) 36 m            (b) 40 m            (c) 42 m            (d) none of these
- 6. If the area of a square is 2.25 m<sup>2</sup>, then its perimeter is:**  
(a) 7 m            (b) 5 m            (c) 6 m            (d) none of these
- 7. The side of a square is 8 cm. If its side is doubled, then its new perimeter is:**  
(a) 64 cm            (b) 81 cm            (c) 121 cm            (d) none of these
- 8. The length and breadth of a rectangle are 10 cm and 8 cm respectively. If its length is doubled, then its new area is:**  
(a) 80 cm<sup>2</sup>            (b) 160 cm<sup>2</sup>            (c) 240 cm<sup>2</sup>            (d) none of these
- 9. The amount of surface enclosed by a closed figure is called its:**  
(a) perimeter            (b) area            (c) flat surface            (d) interior region
- 10. What is the perimeter of a regular pentagon whose each side measuring 5 cm?**  
(a) 10 cm            (b) 20 cm            (c) 15 cm            (d) 25 cm
- 11. What will be the cost of tiling a rectangular plot of area 800 sq.m, if the cost of tiling 100 sq.m is ₹ 6**  
(a) ₹ 14            (b) ₹ 48            (c) ₹ 4800            (d) ₹ 900

12. What is the length of the garden if area of rectangular garden of width 60 m is 300 sq.m?

- (a) 900 m                      (b) 90 m                      (c) 18 m                      (d) 5 m

13. The perimeter of a triangle whose sides are 5 cm, 2 cm and 3 cm.

- (a) 30 cm                      (b) 11 cm                      (c) 17 cm                      (d) 10 cm

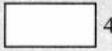
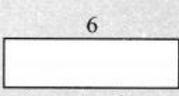
14. What is the length of side of square whose area is 64 m<sup>2</sup>?

- (a) 16 m                      (b) 32 m                      (c) 8 m                      (d) 64 m

15. The perimeter of an isosceles triangle with equal sides of length 4 cm and third side of length 6 cm will be:

- (a) 10 cm                      (b) 8 cm                      (c) 20 cm                      (d) 14 cm

16. Match the following

Sr.No.	Shapes	Perimeter
1	 rectangle	10
2	 square	18
3	 equilateral triangle	20
4	 isosceles triangle	16
5	 rectangle	24

17. Find the perimeter of equilateral triangle whose each side is 7cm

18. Find the length of a rectangle whose perimeter is 52 cm and breadth is 12 cm.

19. A rectangular carpet measures 3m 45cm by 2m 25cm . What is perimeter of the carpet.

20 Leena bent a wire 132cm long into a square. What is the length of the side of a square?

21. Find the perimeter of a triangle whose sides are 5cm, 7cm and 10cm.

22. Find the perimeter of a regular pentagon with each side measuring 7cm.

23. Find the cost of fencing a rectangular park of length 450m and breadth 300m at the rate of ₹ 32 per meter.

24. How much distance does a jogger cover if he runs 5 times around a rectangular Park 76m long and 35m wide?

25. A rope costing ₹ 8 per meter needs to be laid around a square field of side 150m. How much will the total rope cost?

26. Sweety runs around a square park of side 75m. Bulbul runs around a rectangular park with length 60m and breadth 45m. Who covers less distance?