Grade 6 Mensuration Worksheets

Grade 6 Maths Mensuration Multiple Choice Questions (MCQs)

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^2
(b) 84 cm^2
(c) 100 cm^2
(d) none of these
3. **The area of a rectangle is 40 cm^2. 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^2. 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^2, 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

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(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^2
(b) 160 cm^2
(c) 240 cm^2
(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 tilting 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^2?**
(a) 16 m
(b) 32 m
(c) 8 m
(d) 64 m

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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. **The perimeter of a rectangle is 130 m. If the breadth of the rectangle is 30 m, find its area.**
(a) 640 m^2
(b) 600 m^2
(c) 700 m^2
(d) none of these
17. **The sides of a rectangle are in the ratio 5 : 4. If its perimeter is 72 cm then the length is:**
(a) 20 cm
(b) 30 cm
(c) 40 cm
(d) none of these
18. **The cost of putting a fence around a square field at ₹ 2.50 per metre is ₹ 200. The length of each side of the field is:**
(a) 40 m
(b) 20 m
(c) 80 m
(d) none of these
19. **The area of a rectangle is 650 cm2 and one of its sides is 13 cm. Find the perimeter of the rectangle.**
(a) 120 cm
(b) 130 cm
(c) 126 cm
(d) none of these
20. **A room is 5m 40cm long and 3m 75cm wide. Find the area of the carpet needed to cover the floor.**
(a) 20 m^2
(b) 20.25 m^2
(c) 21 m^2
(d) none of these

Class 6 Maths Mensuration Match the following

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

Class 6 Maths Mensuration Very Short Answer Type Questions

1. Find the perimeter of equilateral triangle whose each side is 7cm.
2. Find the length of a rectangle whose perimeter is 52 cm and breadth is 12 cm.
3. A rectangular carpet measures 3m 45cm by 2m 25cm . What is perimeter of the carpet?
4. Leena bent a wire 132cm long into a square. What is the length of the side of a square?
5. Find the perimeter of a triangle whose sides are 5cm, 7cm and 10cm.
6. Find the perimeter of a regular pentagon with each side measuring 7cm.

Class 6 Maths Mensuration Short Answer Type Questions

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

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2. How much distance does a jooger cover if he runs 5 times around a rectangular Park 76m long and 35m wide?
3. A rope costing ₹ 8 per meter needs to be laid around a square field of side 150m. How much will the total rope cost?
4. 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?

Class 6 Maths Mensuration Long Answer Type Questions

1. How much would it cost to lay a wall to wall carpet in a room 10m long and 7m wide, with a carpet that costs ₹ 115 per m2.
2. How many tiles of 10cm by 6cm will be needed to pave a rectangular path of 5m by 3m?
3. Following figures are formed by joining six unit squares. Which figure has the smallest perimeter?

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