

CLASS – VI MATHEMATICS



3.MENSURATION

1. The area of a square with perimeter 20cm is,
a) 36cm^2 b) 16cm^2 c) 25cm^2 d) 9cm^2
2. The length of a rectangle whose breadth measures 8m and has an area of 96 square meter is,
a) 14m b) 12m c) 16m d) 10m
3. The side of an equilateral triangle with perimeter 45 cm is,
a) 9cm b) 5cm c) 10cm d) 15cm
4. The side of a square whose area is 400 square meter is,
a) 200m b) 100 m c) 20m d) 25m
5. The breadth of a rectangle with length 12cm and perimeter 36cm is,
a) 3cm b) 6cm c) 9cm d) 24cm
6. Area of rectangle of length 'l' units and breadth twice its length is,
a) $2l$ b) $2l^2$ c) $4l$ d) $3l^2$
7. The perimeter of an isosceles triangle is 42cm. The unequal side is 12cm. The length of each equal side is ,
a) 10cm b) 15cm c) 30cm d) 14cm
8. The perimeter of rectangle whose length is 16m and breadth is half of its length is,
a) 128m b) 24m c) 64m d) 48m
9. The perimeter of a square of area 1600cm^2 is,
a) 160cm b) 400cm c) 116cm d) 80cm
10. The length of the rectangular hall is 4m less than 3 times the breadth of the hall. If the breadth of the hall is 9m then its area is,
a) 63 sqm b) 207 sqm c) 48 sqm d) 117 sqm
11. The perimeter of regular pentagon is 60cm . The length of one side is,
a) 10cm b) 6cm c) 12cm d) 15cm
12. A piece of string is 102cm long. What will be the length of each side if the string is used to form a regular hexagon,
a) 17cm b) 34cm c) 51cm d) 10.2cm
13. The area of a rectangular piece of cardboard is 75sq.cm and its length is 15 cm. What is its perimeter?
a) 20cm b) 40cm c) 10cm d) 30cm
14. How many tiles with dimensions 4cm and 10cm will be needed to fit in a region whose length and breadth are 84cm and 60cm respectively,
a) 106 b) 116 c) 126 d) 156
15. How much distance will Anu cover in going around a rectangular field once whose area is 576 sqm and breadth 16m,
a) 104m b) 52m c) 36m d) 124m
16. The cost of fencing a square park 600m long at the rate of Rs. 12 per meter is,
a) Rs. 2400 b) Rs. 28800 c) Rs 24800 d) Rs. 26800

17. The area of rectangle whose length 1m and breadth 60cm is,
 a) 60 sq.m b) 60 sq.cm c) 0.6 sq.m d) 600 sq.cm
18. To put lace around a saree we need its
 a) perimeter b) area c) both d) none
19. To calculate side of a square when perimeter is given, we divide perimeter by
 a) 2 b) 4 c) 6 d) 8
20. Area of rectangle whose breadth is 7m and whose length is 5m more than its breadth is,
 a) 84 sq.m b) 35 sq.m c) 14 sq.m d) 42 sq.m
21. If perimeter of a Square is doubled then new area of the square so formed is,
 a) Remains the same b) becomes three times c) becomes nine times
 d) none
22. If each side of a square is trebled then the ratio between the original and new area is,
 a) 1:9 b) 9:1 c) 1:3 d) none
23. The length and breadth of a rectangle is 14m and 9m respectively. Its area is,
 a) 126 sq.m b) 56 sq.m c) 23 sq.m d) none
24. The perimeter of Regular decagon with each side measuring 13m is,
 a) 65m b) 104 m c) 130 m d) 91m
25. The perimeter of an equilateral triangle of side 17 m is,
 a) 41 m b) 51 m c) 31 m d) 71m

NOTICE

Dear Parents,

- Let the children do these sheets himself/herself.
- Answer sheet of these questions will be uploaded on demand.
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