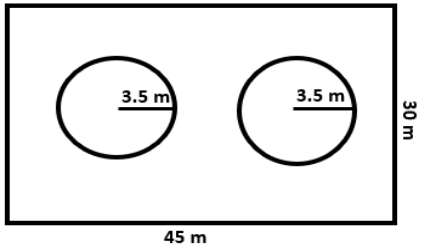


INDIAN SCHOOL AL WADI AL KABIR

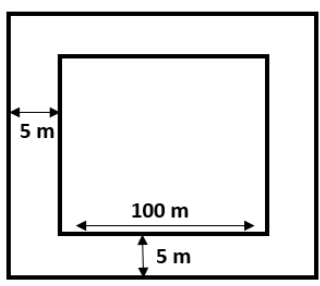

Class VII, Mathematics
WORKSHEET- (OTQ)
PERIMETER & AREA

Multiple Choice questions

Q.1	The minute hand of a circular clock is 14 cm long. How far does the tip of the minute hand move in 1 hour							
	A	44 cm	B	88 cm	C	154cm	D	28cm
Q.2	1 hectare = ----- m ²							
	A	100	B	1000	C	10000	D	10
Q.3	Find the height of the parallelogram, whose area is 24.36 sq.cm and base is 5.8							
	A	5.2cm	B	4.5 cm	C	4.2 cm	D	2.4 cm
Q.4	Sudha divides a circular disc of radius 7 cm in two equal parts. What is the perimeter of each semicircular shaped disc? (Use $\pi = \frac{22}{7}$)							
	A	36 cm	B	44 cm	C	88 cm	D	51 cm
Q.5	Find the area of the triangle whose base is 3.5cm and height is 8.8cm.							
	A	12.3 cm	B	30.8 cm	C	15.4 cm	D	2.52 cm
Q.6	Find the base ' x ' if the area of the parallelogram is 24 cm ² and the height is 4 cm.							
	A	26 cm	B	12 cm	C	48 cm	D	6 cm
Q.7	Rani bought a circular disc. If the circumference of the circular disc is 154 m, find its radius.							
	A	77 cm	B	49 cm	C	24.5 cm	D	7 cm
Q.8	At the centre of a party hall, laid a circular tile. Find the area of a circular tile, whose diameter is 60 cm (use $\pi = 3.14$).							
	A	706.5 cm ²	B	94.2 cm ²	C	900 cm ²	D	2826 cm ²
Q.9	Find BC, if the area of the triangle ABC is 36 cm ² and the height AD is 6 cm.							
	A	6 cm	B	12 cm	C	18 cm	D	3 cm
Q10	Find the area of the parallelogram whose base is 5cm and height is 4.8cm.							
	A	20.8 cm ²	B	9.8 cm ²	C	24 cm ²	D	0.2 cm ²

<p>Source Based Questions: Rajeev visited a rectangular park. In the park he found two flower bed in circular shape with radius of 3.5 m each. At this context answer the following questions:</p>	
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Q11	If the length and breadth of the park are 45 m and 30 m respectively, then what will be the area of the rectangular park?			
A	315 m ²	B	1350 m ²	C 210 m ² D 525 m ²
Q12	Find the area of the two flowerbeds if the radius is 3.5 m each.			
A	77 m ²	B	38.5 m ²	C 154 m ² D 269.5 m ²
Q13	Rajeev calculated the area of the park excluding the area of two flower beds. It is:			
A	1504 m ²	B	1790 m ²	C 1273 m ² D 1350 m ²
Q14	If he goes around any one of the flowerbeds once, how much distance will he cover?			
A	49 m	B	44 m	C 88 m D 22 m
Q15	The cost of fencing around the rectangular garden, if the rate is ₹ 40 per m ² is:			
A	₹ 54000	B	₹ 6000	C ₹ 3000 D ₹ 150

Q16	Case Study:			
<p>A path 5 m wide runs along inside a square park of side 100 m.</p> <p>i) Find the area of the square park. ii) Find the area of the park along with path. iii) What will be the area of the path? iv) Find the cost of cementing the path at the rate of ₹ 250 per m².</p>				

ANSWERS

1.	B	2.	C	3.	C
5.	C	6.	D	7.	C
9.	B	10.	C	11.	B
13.	C	14.	D	15.	B
				16.	i) 10000, ii)12100, iii) 2100, iv) ₹ 525000