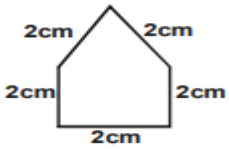# INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics
MENSURATION WORKSHEET- (MCQ)

MULTIPLE CHOICE QUESTIONS

Q1.	In which of the following activity, the area is used?						
	A	Framing a photo	**B**	Sowing seeds in a field	**C**	Fencing field	**D**	Building a boundary wall
Q2.	Which is measured in square units.						
	A	Area	**B**	Perimeter	**C**	Weight	**D**	Length
Q3.	The area of a rectangular field is 4500 sq. m. If the length of the field is 90 m, find the breadth of the field.						
	A	10m	**B**	50m	**C**	30m	**D**	16m
Q4.	Find the perimeter of the given figure.						
	A	10 cm	**B**	32 cm	**C**	16 cm	**D**	40 cm
Q5.	Find the perimeter of a triangle of sides 120 cm, 130 cm and 100 cm.						
	A	360 cm	**B**	180 cm	**C**	270 cm	**D**	350 cm
Q6.	Calculate the cost of painting a wall of area 30 Sq. m at the rate of ₹ 20 per Sq. m.?						
	A	₹ 1,000	**B**	₹ 400	**C**	₹ 600	**D**	₹ 500
Q7.	Which polygon has the largest perimeter?						
	A	A triangle with equal sides of 3 cm	**B**	A square with a side of 3 cm	**C**	A regular octagon with a side of 3 cm	**D**	Can't say
Q8.	Arun runs around a square park of side length 200 m and his friend Varun runs around a rectangular park of length 150 m and a breadth of 300 m. Who covers more distance?						
	A	Arun	**B**	Varun	**C**	Both covered the same distance	**D**	Can't find
Q9.	How many tiles whose length and breadth are 10 cm and 8 cm respectively will be needed to fit in a rectangular region whose length and breadth are respectively 100 cm and 144 cm?						
	A	250	**B**	800	**C**	240	**D**	180

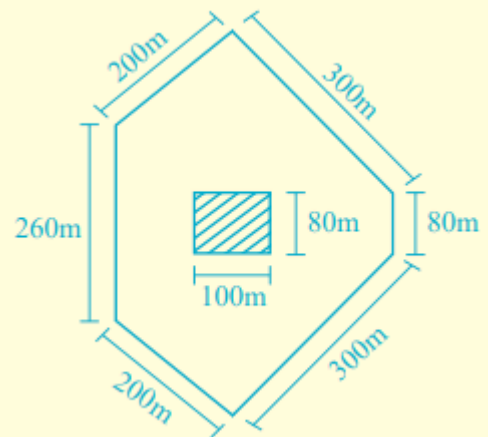In Q4, the figure is a house-shaped pentagon with all five sides labeled 2cm.

Q10.	Meenu wants to put a lace border all around a rectangle table cover 2.5 m long and 1.5 m wide. Find the length of the lace required by Meenu.							
	A	6m	B	8m	C	2m	**D**	5 cm

FILL IN THE BLANKS

Q11.	If the perimeter of a regular hexagon is 96cm., then the length of a side is_____
Q12.	If the perimeter of the square garden is 120m, then the sides of the garden is_____
Q13.	Two sides of a triangle are 15 cm and 14 cm. The perimeter of the triangle is 40 cm. Then the third side is _____
Q14.	A floor is 7 m long and 5 m wide and a square carpet of side 4 m is laid on the floor. The area of the floor that is not carpeted is_____
Q15.	The perimeter of an isosceles triangle with equal sides of 9 cm and the other of 7cm is _____
Q16.	The length of a rectangle whose breadth is 15 m and the area of 300 sq. m. is _____

CASE STUDY:

The garden is in the schoolyard and there is a rectangular flower bed in the center. The school wants fences to protect the flowers from being stepped on by children playing

Q17.	What is the length of the wire required for the outer boundary of the garden?
Q18.	What will be the total cost of fencing it at the rate of ₹ 20 per meter?
Q19.	What is the area of the flower bed?
Q20.	Find the cost of manuring the flower bed at the rate of ₹ 5 per square meter.

ANSWERS

1.	B	2.	A	3.	B	4.	A
5.	D	6.	**C**	7.	C	8.	B
9.	D	10.	B	11.	16cm	12.	30m
13.	11cm	14.	19m	15.	25cm	16.	20cm
17.	1,340m	18.	₹26,800	19.	8,000 Sqm.	20.	₹40,000