

1. Fill in the blanks.

- (i) In the figure , Area of outer square is 81m^2 , shaded area is 36m^2 , un shaded area is ____ m^2 .
- (ii) If perimeter of square is 32m , cost of edging around it @Rs. 5/m is _____.
- (iii) The sum of interior angles of a square is _____ $^\circ$.
- (iv) The opposite sides of rectangle are parallel & _____ in measurement.
- (v) $4 \times$ length of each side of square is the formula for finding _____ of square.
- (vi) If area of square field is 144m^2 . The cost of ploughing a square field @ Rs $10/\text{m}^2$ will be _____.
- (vii) Each interior angle of rectangle is of measure _____.
- (viii) $2l + 2w$ is the formula for finding _____ of rectangle.
- (ix) If perimeter of square shaped garden is 24m , cost of fencing along the garden @Rs $20/\text{m}$ will be _____.
- (x) If product of length & width of rectangle is 96cm^2 , its area is _____ cm^2 .

2. Look at the figure given at right and choose the correct answer

for each of the question.

- (i) Area of white region can be calculated as :

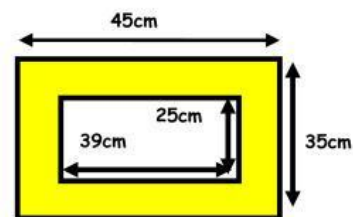
- (a) $39\text{cm} \times 25\text{cm}$ (b) $39\text{cm} \times 35\text{cm}$
 (c) $39\text{cm} \times 45\text{cm}$ (d) $45\text{cm} \times 35\text{cm}$

- (ii) Area of whole figure :

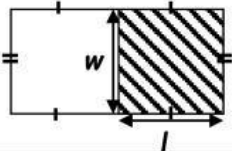
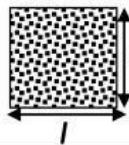
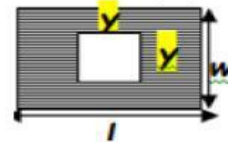
- (a) $39\text{cm} \times 25\text{cm}$ (b) $39\text{cm} \times 35\text{cm}$ (c) $39\text{cm} \times 45\text{cm}$ (d) $45\text{cm} \times 35\text{cm}$

- (iii) border area =

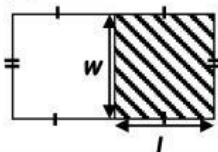
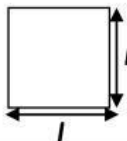
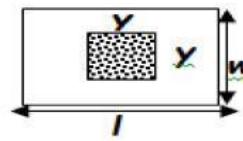
- (a) $(39\text{cm} \times 25\text{cm}) - (45\text{cm} \times 35\text{cm})$ (b) $(39\text{cm} \times 45\text{cm}) - (45\text{cm} \times 25\text{cm})$
 (c) $(45\text{cm} \times 35\text{cm}) - (39\text{cm} \times 25\text{cm})$ (d) $45\text{cm} \times 35\text{cm}$



3. Tick (✓) the formula which will be use for finding shaded area of each of the following figure .

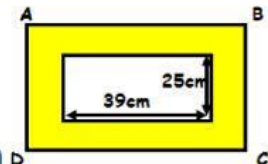
 $2l \times 2w$ or $l \times w$  $4 \times l$ or l^2  $(l \times w) - (y \times y)$ or $(y \times y)$

4. Tick (✓) the formula which we will use for finding un shaded area of each of the following figure .

 $2l \times 2w$ or $l \times w$  $4 \times l$ or l^2  $(l \times w) - (y \times y)$ or y^2

5. Do as directed .

1. If Area of rectangle ABCD is 1500cm^2 , Rayyan wants to calculate area of broder area (yellow region) of figure shown on right . Help him to arrange the steps in correct order .



$39\text{cm} \times 25\text{cm}$

$= 1500 - 975$

$= 525\text{cm}^2$

$1500 - (39\text{cm} \times 25\text{cm})$

Step#1

Step#2:

Step#3:

Step#4: