

15.10.2019  
STD: VII

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TT - MATHS

Marks: 20  
Time: 40min

Also area of rectangle =  $100\text{cm}^2$

I. Answer the following:

1. a)  $s \times s$  sq. unit (or)  $a \times a$  sq. units      b)  $l \times b$  sq. units  
c)  $4 \times s$  units (or)  $4 \times a$  units      d)  $2(l + b)$  units

2. a) Area

II. Answer the following:

3.  $l = 420\text{m}$        $b = 300\text{m}$

i) Area =  $l \times b$   
=  $420 \times 300 = 126000\text{m}^2$

ii) Perimeter =  $2(l + b)$   
=  $2(420 + 300)$   
=  $2 \times 720 = 1440\text{m}$

4. Perimeter of square =  $168\text{m}$

Side = ?

$4 \times a = 168$

$a = \frac{168}{4} = 42\text{m}$

5. Area of rectangle =  $280\text{cm}^2$

$l = 40\text{cm}$

$b = ?$

$l \times b = 280$

$40 \times b = 280$

$b = \frac{280}{40}$

$b = 7\text{cm}$

6. Side of a square =  $10\text{cm}$

Area =  $s \times s$

=  $10 \times 10$

Area of square =  $100\text{cm}^2$

$l = 20\text{cm}$

$l \times b = 100$

$20 \times b = 100$

$b = \frac{100}{20}$

$b = 5\text{cm}$