Name = Prince Sengar
Class = VIII th C.
D.O.B = 29/09/2010.

9.5

Solve:-1 (0, 0) ✓ (1)

Solve:-2 Diameter of cylinder = 28cm

$$\text{Radius} = \frac{D}{2}$$

$$= \frac{28}{2}$$

Radius = 14 cm.

height = 20cm

T.S.A of cylinder = $2\pi r(r+h)$

$$= 2 \times \frac{22}{7} \times 14^2 (14 + 20)$$

$$= 44 \times 2 \times 34$$

$= 2992\ cm^2$ ✓ (2)

Solve:-3 Area of square = Side × Side

$= (a-b) \times (a-b)$

$= (a-b)^2\ cm^2$ ✓

(1) * Write units also

Solve:-4 5/26. ✓

Solve:-5 Y = ✓

Solve:-6 A black 4 is chosen ✓

Solve:-7 The dimension of brick = 24cm × 12cm × 8cm

Length of wall = 24m

1m = 100 cm

24m = 2400 cm

Breadth of wall = 60 cm

height of wall = 8m

1m = 100 cm

8m = 800 cm

Volume of wall = 2400 × 60 × 800

= 115200000

= 10 % of 115200000

1/2

$\frac{10}{100} \times 115200000.0$

1152×10^4.

10% of 115200000

$= \frac{10}{100} \times 115200000$

$= 1152000$

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No. of bricks $= \frac{\text{Volume of wall}}{\text{Volume of brick}}$

Solu:-13

$= \frac{2500 \times 60 \times 800}{25 \times 12 \times 8}$ (100, 5, 100 written above)

$= \frac{2400 \times 60 \times 800}{24 \times 12 \times 8}$

~~No. of bricks = 50000~~

~~10% of wall filled with Morter = 10% × 50,000~~

~~$= \frac{10}{100} \times 50,000$~~

480

12000

144000

$= \frac{1152000}{25 \times 12 \times 8}$

$= 480$ bricks.

Solu:- 11 Green (1)

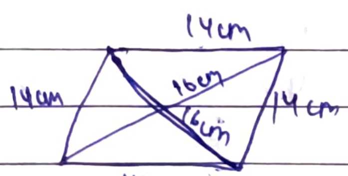
Solu:- 14 a.) $\pi r^2 h$ (1)

b.) II^{nd} quadrant. (1)

c.) I (1)

d.)

Solu:- 12 (ii.)



Area of Rhombus $= \frac{1}{2} \times (b_1 + b_2) \times h$

$= \frac{1}{2} \times (16 + 16) \times 14$

$= \frac{1}{2} \times 32 \times 14$

$= 224 \text{ cm}^2$ Ans.

1½

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Solution 13

Area of Rectangle = l × b

= 2.5 × 5

= 12.5 m^2 ½

Area of trapezium =