

# Maths - HHW

## Section - A

① Non-Terminating Non Repeating

② always an irrational no.

③  $\frac{\sqrt{7}-2}{3}$

④  $\frac{133}{990}$

⑤  $\frac{167}{90}$

⑥  $20^\circ$

⑦  $54^\circ$

⑧  $30^\circ$

⑨  $40^\circ$

⑩  $70^\circ, 45^\circ$

⑪  $48^\circ, 60^\circ, 72^\circ$

⑫  $180^\circ$

⑬  $BC = PQ$

⑭ ASA

~~⑮~~

⑮ An equilateral Triangle

⑯ All three altitudes are equal



## Section-B

(17) Second Quadrant

(18) on the negative direction of the x-axis.

(19)  $(0, 4)$

(20) y-coordinate = 5 or -5

(21) 13 cm

(22)  $\sqrt{32}$  cm

(23) 3:4

(24)  $1344 \text{ cm}^2$

(25) Rs. 2.16

(26)  $24\sqrt{5}$

(27)  $a \neq 0, b \neq 0$

(28) Infinitely many solutions

(29) Natural No.

(30) 4

(31) 0, 2

(32)  $y = 0$



# Section - C

## Case - 1

(33)  $x - 3y = 0$

(34) (4, 1)

(35) 25

(36) Infinitely many solutions

## Case - 2

(37) 9

(38) 180

(39) 125.5

(40) 28