



9 < 16

Val of mum flood

low = mid+1

W = Wal

high=7

mid =
$$\frac{4+7}{2} = \frac{1}{2} = \frac{5}{2}$$

val = $5 \times 5 = 25$

25 > 16

high = 6

Perfect square

val = = num rooot

Return mid

Return Result

low= 4, high= 6

mid= 5

2s > 16

high= 5

$$\text{Nid} = (4+5)_{2} = 4$$

$$\text{Va} = 16 = = 16$$

$$\frac{2}{3} + 4 \rightarrow \frac{\text{final}}{\text{result}}$$

Time complexity = 0 (10 gn)
Space complexity = 0(1)