

19) Format  
= Left part ✓

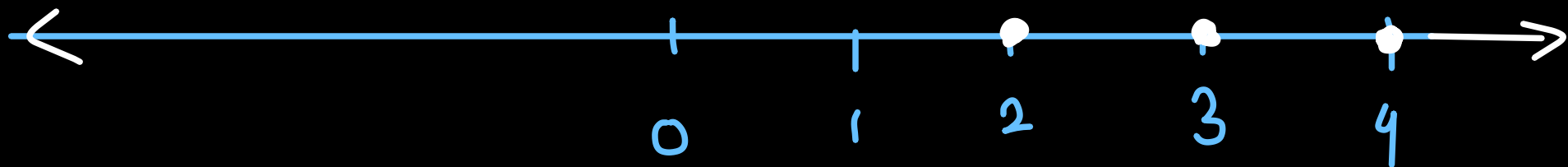
right part ✓

$$2 \leq x$$

$$x < 4.667$$

$$\therefore 2 \leq x < 4.667$$

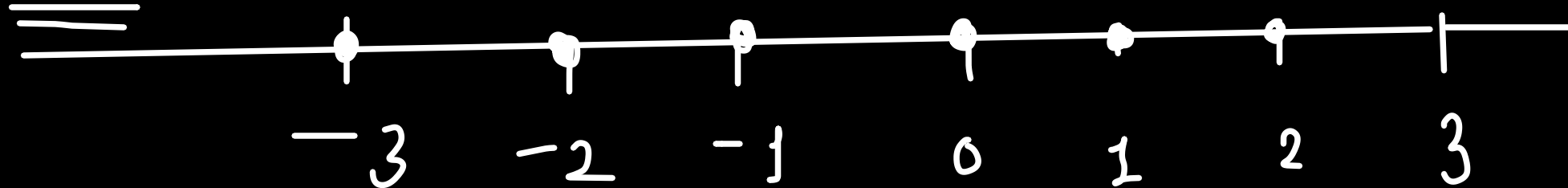
Solution set  $\in I = \{2, 3, 4\}$



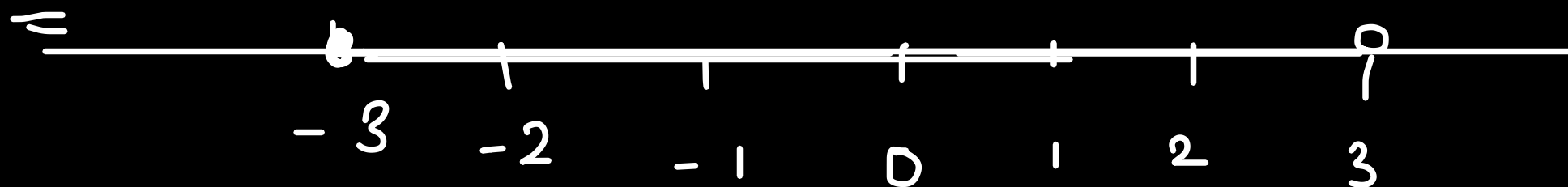
Case I:  $\underline{N}, \underline{I}, \underline{W} \rightarrow \bullet$  [no line]

Case II:  $\underline{Z}, \underline{R} \rightarrow \text{—————}$

I/N/W :



R :



→ use pencil to draw number line

→ write signs properly.

# Quadratic Equations

Roots : Aise values jo Eqn ko satisfy  
=  
krenge.

$$\leftarrow x^2 + 5x + 6 = 0$$

$$x^2 + 2x + 3x + 6 = 0$$

$$x(x+2) + 3(x+2) = 0$$

$$(x+2)(x+3) = 0$$

$$x+2=0$$

$$\boxed{x = -2}$$

Roots

$$x+3=0$$

$$\boxed{x = -3}$$