

$$x^3 - 2x^2 + 4x - 8 = 0$$

$$x^2(x-2) + 4(x-2) = 0$$

$$(x^2 + 4)(x-2) = 0$$

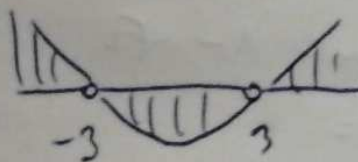
$$x_1 = 2$$

ADZ $x^2 > 9$

$$x^2 - 9 > 0$$

$$(x-3)(x+3) > 0$$

$$x_1 = 3 ; x_2 = -3$$

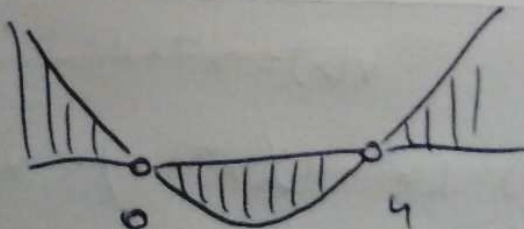


$$x \in (-\infty, -3) \cup (3, +\infty)$$

$$x^2 - 4x > 0$$

$$x(x-4) > 0$$

$$x_1 = 0 ; x_2 = 4$$



$$x \in (-\infty, 0) \cup (4, +\infty)$$