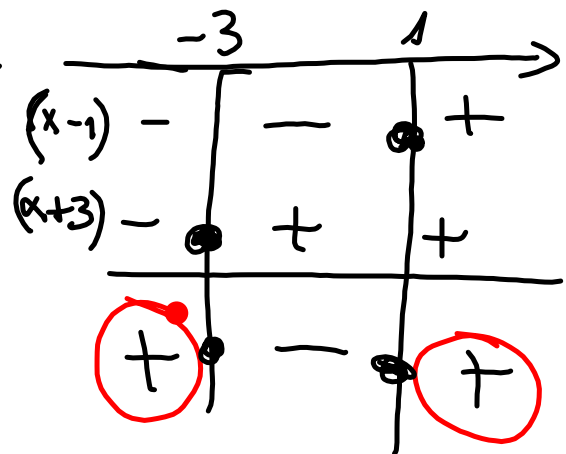


$$(x-1)(x+3) > 0$$

$$(x-1) \geq 0 \quad x \geq 1$$

$$\underline{(x+3) \geq 0} \quad x \geq -3$$



$$x < -3 \vee x > 1$$

$$]-\infty, -3[\vee]1, +\infty[$$

•

$$x^2 - 9 > 0$$

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

$$x-3 \geq 0 \quad x \geq 3$$

$$x+3 \geq 0 \quad x \geq -3$$

$$3x^2 - 6x > 0$$

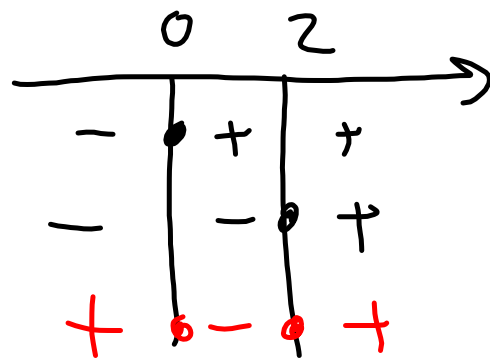
$$\underline{3x(x-2)} > 0$$

$$\begin{array}{l} 3x \geq 0 \\ x-2 \geq 0 \end{array}$$

$$x \geq 0$$

$$x \geq 2$$

RACE.
TOTALE



$$x < 0 \vee x > 2$$

$$x^2 + 2x + 1 \geq 0$$

$$(x+1)^2 \geq 0$$

$$(x+1)(x+1) \geq 0$$

TRINOMIO SPECIALE

$$x^2 + 3x + 2$$

SOMMA

PRODOTTO

$(2, 1)$
 $(-2, -1)$

$$(x+2)(x+1)$$

$$x^2 + 3x + 2 = (x+2)(x+1)$$

$$x^2 + 5x + 6 < 0$$

↓ SOMMA ↘ PRODOTTO

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

+3, +2

+1, +6

-3, -2

-1, -6

$$x^2 + 7x + 6 \geq 0$$

$$(x+1)(x+6) \geq 0$$

$$x^2 + 7x + 10 > 0$$

$$(x+5)(x+2) > 0$$

$$x^2 + 11x + 10 > 0$$

$$(x+10)(x+1) > 0$$