

$$3 - \frac{2}{5x} + 2 + \frac{5x-3}{5x} < 0$$

$$\frac{15x - 2 + 10x + 5x - 3}{5x} < 0$$

$$\frac{30x - 5}{5x} < 0$$

	0	$\frac{1}{6}$	
$+$ $30x - 5$	-	-	+
$-$ $5x$	+	+	+
$\frac{30x - 5}{5x}$	+	\ominus	+

il prodotto è < punti: ↑

Solution:

$$0 < x < \frac{1}{6}$$

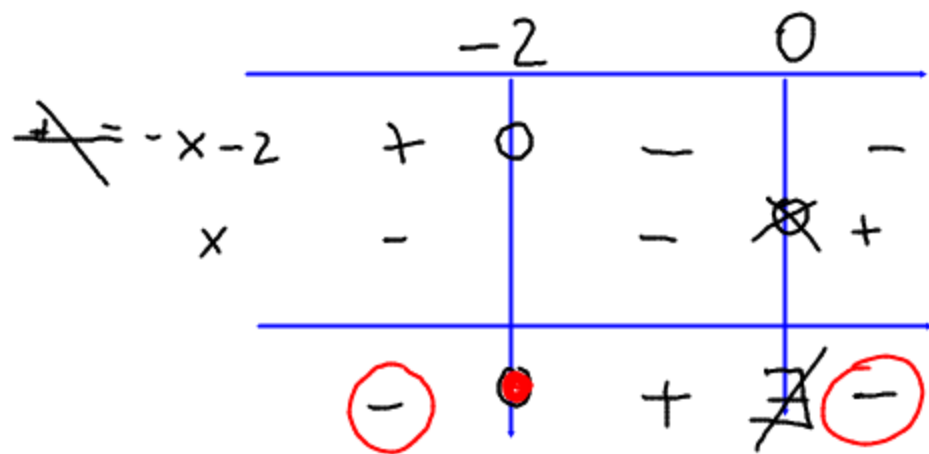
$$S =]0, \frac{1}{6}[$$

$$\frac{3x-2}{x} - 4 \leq 0$$

$$\frac{3x-2-4x}{x} \leq 0$$

$$\frac{-x-2}{x} \leq 0$$

$$x=0; \quad x=-2;$$



$$S = \{x \leq -2 \vee x > 0\}$$

$$S =]-\infty; -2] \cup]0; +\infty[$$

$$\frac{5x-1}{x-3} \geq 1$$

$$\frac{5x-1}{x-3} - 1 \geq 0$$

$$\frac{5x-1-x+3}{x-3} \geq 0$$

$$\frac{4x+2}{x-3} \geq 0$$

	$-\frac{1}{2}$		3
$4x+2$	-0	+	+
$x-3$	-	-	+
$\frac{4x+2}{x-3}$	+	-	+

$$x \leq -\frac{1}{2} \vee x > 3$$

$$\left] -\infty; -\frac{1}{2} \right] \cup \left] 3; +\infty \right[$$