

$8 > 0$ $[x > -2]$

$5 \leq 0$ $[x \leq 5]$

$[x = 0]$

$[x \neq 0]$

$20 \leq 0$ $[x \leq -2 \vee 2 \leq x \leq 5]$

$-2) \geq 0$ $[x \geq -2]$

$) \leq 0$ $[x \leq 0 \vee x = 1]$

Risolvi le seguenti disequazioni numeriche fratte.

573 $\frac{1}{x} < 0$

$[x < 0]$

585 $\frac{6x}{1 - \frac{1}{3}x} > 0$

$[0 < x < 3]$

574 $\frac{1}{x-1} > 0$

$[x > 1]$

586 $\frac{x}{x-2} \geq 5$

$[2 < x \leq \frac{5}{2}]$

575 $\frac{x+1}{x} > 0$

$[x < -1 \vee x > 0]$

587 $\frac{3x+2}{3} < \frac{2x^2-6}{2x+1}$

$[-\frac{20}{7} < x < -\frac{1}{2}]$

576 $\frac{1-x}{2x} \geq 0$

$[0 < x \leq 1]$

588 $1 - \frac{3}{x+2} < \frac{3x}{6+3x}$

$[x > -2]$

577 $\frac{3x-6}{2x+1} \geq 0$

$[x < -\frac{1}{2} \vee x \geq 2]$

589 $\frac{x-3}{2x-1} + 1 \leq \frac{3}{2}$

$[x > \frac{1}{2}]$

578 $\frac{1}{x} \leq 1$

$[x < 0 \vee x \geq 1]$

590 $\frac{2x-1}{2x+1} \leq 0$

$[-\frac{1}{2} < x \leq \frac{1}{2}]$

579 $\frac{8}{3x} \leq -16$

$[-\frac{1}{6} \leq x < 0]$

591 $\frac{x-1}{x-2} \geq \frac{3}{4-2x}$

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

580 $\frac{5}{x} \geq 25$

$[0 < x \leq \frac{1}{5}]$

592 $\frac{3}{2} \cdot \frac{2x-1}{6-x} \geq \frac{3}{2(x-6)}$

$[0 \leq x < 6]$

581 $\frac{3}{2x} \leq \frac{1-2x}{6x}$

$[-4 \leq x < 0]$

593 $\frac{5x-1}{2x-4} - \frac{x-1}{3x-6} > 2 + \frac{1}{2-x}$

$[x < -29 \vee x > 2]$

582 $\frac{7}{6} > \frac{4x+2}{x-7}$

$[-\frac{61}{17} < x < 7]$

583 $\frac{5x}{11} - \frac{3}{22} > \frac{15x^2-18}{33x}$

$[0 < x < 4]$

584 $\frac{1}{5}x - \frac{1}{x-5} > \frac{x+1}{5} - \frac{x-1}{x-5} \quad [x < \frac{5}{4} \vee x > 5]$

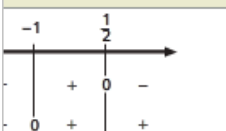
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594 $\frac{3x^2+x-3}{2-6x} + \frac{x}{2} \geq \frac{x}{3x-1}$

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dei segni.



Risolvi le seguenti disequazioni fratte utilizzando le scomposizioni in fattori.