

1	$\begin{cases} \frac{3x-1}{x+1} \geq 0 \\ 2x > 1 \end{cases}$	$x > \frac{1}{2}$
2	$\begin{cases} \frac{2x}{x+5} \geq 2 \\ \frac{x}{3-x} < 0 \end{cases}$	$x < -5$
3	$\begin{cases} 3x - 6 \geq 9 \\ 25 - x^2 \geq 0 \end{cases}$	5
4	$\begin{cases} x^2 - x > 0 \\ x + 1 \geq 0 \end{cases}$	$-1 < x < 0 \cup x > 1$
5	$\begin{cases} x^2 - 6x + 9 \leq 0 \\ x - 3 \geq 0 \end{cases}$	3
6	$\begin{cases} 3(x^2 - 4) \leq 0 \\ x - 3 \geq 0 \end{cases}$	<i>impossibile</i>
7	$\begin{cases} x^2 + 8x + 7 \geq 0 \\ -7x > 0 \end{cases}$	$x < -7 \cup -1 < x < 0$
8	$\begin{cases} 35 \leq -7x \\ 2(x - 2) < 4 \\ x^2 < 4(x - 3) \end{cases}$	<i>impossibile</i>
9	$\begin{cases} \frac{3}{x} > \frac{1}{x} \\ \frac{x-2}{2} + 1 \geq +x \end{cases}$	<i>impossibile</i>
10	$\begin{cases} \frac{1}{2} - x \geq \frac{1}{2} \\ \frac{2x-3}{x+1} \leq \frac{1}{2} \end{cases}$	$-1 < x < 0$

11	$\begin{cases} \frac{x+3}{x} \geq 0 \\ \frac{x-5}{2-2x} \leq 1 \end{cases}$	$x < -3 \cup x > \frac{7}{3}$
12	$\begin{cases} \frac{2x+3}{x+5} > 0 \\ \frac{x}{x+6} \leq 6 \end{cases}$	$x < -\frac{36}{5} \cup$ $-6 < x < -5 \cup$ $x > -\frac{3}{2}$
13	$\begin{cases} (2x-3)(x+1) \geq 0 \\ x-x^2 \leq 0 \end{cases}$	$x < -1 \cup x > \frac{3}{2}$
14	$\begin{cases} \frac{1}{x} \geq \frac{2}{x} \\ \frac{x}{x-2} \leq 1 \end{cases}$	$x < 0$
15	$\begin{cases} x^2 < (x+1)(x+2) \\ \frac{1}{x+3} \geq \frac{1}{x-3} \end{cases}$	$-\frac{2}{3} < x < 3$
16	$\begin{cases} \frac{(2x-1)(1-x)}{(3x-1)x} > 0 \\ \frac{4x-1}{3x-2} \geq 0 \end{cases}$	$0 < x < \frac{1}{4} \cup \frac{2}{3} < x < 1$
17	$\begin{cases} (1-2x)(3-2x)(1-4x) \geq 0 \\ (5+2x)(3x+1) \leq 0 \\ -\frac{1}{2}x \geq 0 \end{cases}$	$-\frac{5}{2} < x < -\frac{1}{3}$
18	$\begin{cases} \frac{x(1+x)}{3x-1} \geq 0 \\ \frac{1}{1-2x} > 0 \end{cases}$	$-1 < x < 0 \cup \frac{1}{3} < x < \frac{1}{2}$
19	$\begin{cases} \frac{(x-3)(1+x)}{1-2x} \geq 0 \\ \frac{(2-x)(4-x)}{x} \leq 0 \end{cases}$	$x < -1 \cup 2 < x < 3$
20	$\begin{cases} \frac{x-4}{x-3} > \frac{5-x}{4-x} \\ \frac{1-2x}{x+5} > 1 - \frac{x+3}{x+5} \end{cases}$	$-5 < x < -\frac{1}{2}$

21	$\begin{cases} \frac{x^2 - 4}{x + 3} \geq 0 \\ \frac{x - 1}{x - 5} \leq 0 \end{cases}$	$2 < x < 5$
22	$\begin{cases} \frac{9}{x + 5} < 0 \\ (x + 8)(7 - x) \geq 0 \\ \frac{8 - x}{13} > 0 \end{cases}$	$-8 < x < -5$
23	$\begin{cases} \frac{13}{x + 4} \leq \frac{15}{2x - 3} \\ \frac{1 - x}{2} \leq 1 - x \end{cases}$	$x < -4$
24	$\begin{cases} \frac{1}{x^2 - x} \geq \frac{2}{x - 1} - \frac{1}{x} \\ 3x - 2(1 - x) \geq 2x \\ \frac{-1}{x - 3} > \frac{1}{x - 3} \end{cases}$	$\frac{2}{3} < x < 1$
25	$\begin{cases} \frac{1}{x - 3} - \frac{1}{x + 3} \leq 0 \\ \frac{x}{x - 2} + \frac{2 + 3x}{x + 1} > 4 \\ \frac{x + 5}{7} \geq 0 \end{cases}$	$-3 < x < -1 \cup 2 < x < 3$
26	$\begin{cases} \frac{1}{x - 2} - 1 \leq -\frac{3}{2 - x} \\ \frac{x}{x - 1} \leq \frac{3}{2(x - 1)} \end{cases}$	<i>impossibile</i>
27	$\begin{cases} \frac{2x + 3}{x + 3} < \frac{3}{2} \\ \frac{8 - x}{x - 3} > \frac{2 - x}{x} \end{cases}$	$-2 < x < 0$
28	$\begin{cases} \frac{9}{x - 1} \leq \frac{4}{x + 2} \\ \frac{5x}{x + 1} \leq 6 \end{cases}$	$x < -6 \cup -1 < x < 1$