

disequazioni di riepilogo		
1	$(3x^2 - 4)\left(1 + \frac{1}{x-1}\right) < 0$	$-\frac{2}{3}\sqrt{3} < x < 0 \cup 1 < x < \frac{2}{3}\sqrt{3}$
2	$1 + \frac{1}{3-2x} < \frac{1}{x+1}$	$-1 < x < \frac{2-\sqrt{6}}{2} \cup \frac{3}{2} < x < \frac{2+\sqrt{6}}{2}$
3	$\frac{ x-1 +2}{\sqrt{x^2-1}+3x} \leq 0$	$x \leq -1$
4	$1 + \frac{ x }{\sqrt{x}} > 0$	$x \neq 0$
5	$\frac{2x^2-1}{ x -1} > \sqrt{x}+1$	$x > 1$
6	$\frac{\sqrt[3]{x^2-5x+5}+1}{\sqrt{ x -2}+1} \geq 0$	$x \leq -2 \cup x \geq 3$
7	$\left \frac{2-\sqrt{x}}{1- 2x }\right > 1$	$0 \leq x < \frac{1}{2} \cup \frac{1}{2} < x < 1$
8	$\frac{ x-2x^2 -2 x+2 }{\sqrt[3]{3x}-2} < 0$	$x < \frac{3-\sqrt{41}}{4} \cup \frac{3+\sqrt{41}}{4} < x < \frac{8}{3}$
9	$\sqrt{2x^2-4x} - \frac{ x+1 }{2} \geq 0$	$x \leq \frac{9-2\sqrt{22}}{7} \cup x \geq \frac{9+2\sqrt{22}}{7}$
10	$\frac{(3x^2-2)(2x^2-1 +x)}{3\sqrt{x-1}-2} > 0$	$x > \frac{13}{9}$
11	$\frac{2\sqrt{ x-1 -x}-4x}{ x -1 } > 0$	$x < -1 \cup -1 < x < \frac{\sqrt{5}-1}{4}$
12	$\frac{4x^2-3x-1}{x-2} < 1$	$x < \frac{1}{2} \cup \frac{1}{2} < x < 2$
13	$\left \frac{x- x }{\sqrt{x}+2} - 1\right > 1$	<i>impossibile</i>
18	$\sqrt[3]{\frac{ 3-2x -x}{1+3\sqrt{x}}} \leq 0$	$1 \leq x \leq 3$

19	$\frac{(x - 3)(\sqrt{x^2 - 2x} + 1)}{3 - 2x^2} \leq 0$	$x \leq -3 \cup -\frac{\sqrt{6}}{2} < x \leq 0 \cup x \geq 3$
25	$\sqrt{1 - 4x^2} > \sqrt{3 - x }$	<i>impossibile</i>
26	$\sqrt[3]{\frac{2x + 7}{x + 1}} > 3$	$-1 < x < -\frac{4}{5}$
27	$\sqrt{\frac{3 - 3x - 1 }{1 + x}} > 1$	$x < -1 \cup -\frac{1}{2} \leq x \leq \frac{3}{4}$

sistemi di disequazioni di riepilogo

29	$\begin{cases} \frac{ x + 2 - 2 x + 1}{\sqrt{x - x^2}} > 0 \\ \frac{1}{x + 2} - \frac{ x }{2 - x} \geq \frac{1}{x^2 - 4} \end{cases}$	$0 < x < \frac{\sqrt{21} - 3}{2}$
30	$\begin{cases} \left \frac{\sqrt{2x - 1} + 1}{x - 1} \right > 2 \\ \sqrt{\frac{4x^2 - 1}{x x - 2}} - 1 \geq 0 \end{cases}$	$\sqrt{2} < x < \frac{5}{2}$
31	$\begin{cases} \sqrt{ x - 1 } - 1 - \sqrt{x} \leq 0 \\ \frac{1 - 2 x^2 - 9 - 2x}{x - 2} + 1 > 0 \end{cases}$	$x = 0 \cup x = 1$
32	$\begin{cases} \frac{1 - \sqrt{x}}{ x - 2 - x } \leq 0 \\ \frac{\sqrt{x + 2}}{x^2 - x - 6} + \frac{1}{ 3 - x } > \frac{1}{ x + 2 } \end{cases}$	<i>impossibile</i>
33	$\begin{cases} \frac{2}{ x } - \frac{1}{ x - 2 } > 1 \\ \sqrt{3 - 2 x } > x + 1 \end{cases}$	$-\sqrt{2} < x < 0 \cup 0 < x < \sqrt{6} - 2$
34	$\begin{cases} \frac{\sqrt[4]{-4 + 5x^2} - x}{ 2 + x - 2 x^2 - 1 + 1} > 0 \\ \frac{(1 - \sqrt{2x})(\sqrt{4x^2 - 1} - 2)}{ x - 1 + x - 1} > 0 \end{cases}$	$1 < x < \frac{\sqrt{5}}{2}$