Risolvere le seguenti disequazioni

$\frac{x+2}{1-3x} \le 1;$ $\ln x(1-\ln x) < 0;$ $|2x+4| > 3$

$\frac{x-2}{1+4x} > -1;$ $\frac{\ln(2+x)}{\ln(1-x)} > 0;$ $|3-2x| < 1$

$\frac{x^2+5x+6}{3-x} < 0$ $\log_3(4-3x) > 2$ $|2x+5| \le 6$

$\left|\frac{x+1}{3-x}\right| < 2$ $\frac{2-x^2}{x+4} - 1 > x$ $e^{x^2-4} \le 1$

$\frac{2}{x-1} + \frac{3}{x-2} > 0;$ $\left|\frac{2x+1}{3}\right| < 1$ $ln(x^2+3) < 0$

$\frac{2x-4}{3-x} > 0;$ $\left|\frac{x-1}{2}\right| < 1;$ $\log(x^2+1) > 2$

$\left|\frac{3x+1}{2}\right| < 1$ $\sqrt{x^2-3x} \le x-1$ $\ln(x+1) - \ln(2+x) > 0$

$\frac{x^2+x-2}{x^2+x-12} < 0$ $|x-1| > \frac{2(x-2)}{3}$ $e^{x+4} > 1$

$3x^2 < 4x+7$ $\left|\frac{2x-6}{3}\right| < 4;$ $e^{x+2} > 1$

$2x^2 > 3(9-x)$

$\left|\frac{2x-1}{5}\right| < 3;$

$2e^{3-x} < 4$

$\left|\frac{4-5x}{2}\right| < 3;$

$\ln(x-3) < 2;$

$5x \geq 3x^2 + 4$

$\frac{x^2-6x+5}{8-2x} \leq 0$

$e^{3-2x} > 5$

$\left|x^2 + x - 2\right| < 2$

$\frac{x}{x-8} \geq -1$

$|7x+1| < 2$

$\log_2 \frac{x+1}{x-1} < -1$

$\frac{x-1}{x+3} \leq 4;$

$e^{2x^2-8} > 1;$

$|x-2| < 1$

$\left|\frac{x-3}{1+2x}\right| \geq 4$

$|5x+3| < 1$

$\frac{e^{2x-1}}{e^{x+1}} > 1$

$\frac{x+1}{3-6x} < 0$

$\log_3(3-x) < 2$

$\frac{x+1}{2x} \geq 3$

$\left|x^2 - 2\right| < 6$

$\frac{x-3}{2x+1} > \frac{1}{2}$

$e^{x^2} \geq \frac{1}{e^{4-5x}}$

$\frac{4x+5}{x^2-1} + 3 \geq 0$

$\left|\frac{3x-4}{2-x}\right| \leq 1$

$\log(3x-1) > e^3$

$\frac{x+1}{x-1} < \frac{1}{2}$

$\frac{e^{2x}-1}{e^x-2} \geq 0$

$|1 - \ln x| \leq 1$

$\left|\frac{1+x}{3-x}\right| < 1$

$\log_{10}\frac{x-5}{x+7} > 0$

$\log_{10}(x^2 - x + 98) > 2$

$\frac{x^2-5x+6}{x^2-3x+10} > 0$

$\left|x^2 - 8x + 10\right| \geq 3$

$\frac{x+1}{x-5} \leq 2$

$\log_2(4x+2) < 3$

$\frac{x}{x+1} > 2x$

$\frac{\ln(2+3x)-2}{3} < 0$

$\left|x^2 - 2\right| \leq 2$

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

$\frac{1}{1+\ln(x-4)} > 0$

$\left|x^2 - 3x + 2\right| < 2$

$\ln(\ln(x^2-1)) > 0$

$\frac{x^2-x-6}{-x^2+3x+4} < 0$

$\left|\frac{x^2+3x}{x}\right| \leq 2$

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

$\left|\frac{x^2-1}{2x+1}\right| \leq 1$

$\frac{1+\log_{\frac{1}{5}} x}{-2x^2+3x+5} \leq 0$

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

$\left|\frac{x-2}{3-4x} - 1\right| \leq 2$

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

$\left|\frac{2x+1}{x-3}\right| \geq 5$

$\frac{2x^2-2x-3}{x-2} - \frac{4x+3}{2} \leq 2$

$\ln(x) - \ln(5-2x) \geq 1$