2x^2+3x-14>=0
3x+11>0, x> -$3\frac{2}{3}$

2x2 + 3x -14 >=0

D = 9+4\*2\*14=121

X1= (-3-11)/4=-3 ½

X2 =(-3+11)/4= 2

$x\in (-\infty ;$-$3\frac{2}{3}$)$∪(-3\frac{2}{3}; 3\frac{1}{2}$ ] $∪$[2;$\infty )$