EJERCICIOS DE INECUACIONES RACIONALES

Resuelve en R siguientes inecuaciones:

1) $\dfrac{6x-25}{x-4} \geq x$ $\qquad\qquad$ $S = (-\infty,\ 4)\cup\{5\}$

2) $-3x+\dfrac{27}{x} \geq 0$ $\qquad\qquad$ $S = (-\infty,\ -3]\cup(0,\ 3]$

3) $\dfrac{x}{2x-3}-1 \leq \dfrac{4x^2}{2x-3}$ $\qquad\qquad$ $S = [-1,\ ¾]\cup(3/2,\ +\infty)$

4) $\dfrac{5}{x+1}-1 \leq \dfrac{x-4}{x}$ $\qquad\qquad$ $S = (-\infty,\ -1)\cup[\ -½,\ 0)\cup[4,\ +\infty)$

5) $\dfrac{x}{x+3} \geq \dfrac{x}{4-x}$ $\qquad\qquad$ $S = (-3,\ 0]\cup[½,\ 4)$

6) $\dfrac{x}{2-x} \geq \dfrac{x+2}{x}$ $\qquad\qquad$ $S = [-\sqrt{2},\ 0)\cup[\ \sqrt{2},\ 2)$