Esercizi disequazioni 3

1) $\dfrac{(3x-2)(5x+1)}{19x+8} \leq 0$

$[[-2 \leq x < -\dfrac{1}{3}, x \geq \dfrac{3}{2}]]$

2) $\dfrac{(7x+21)(4-8x)}{2x-5} \geq 0$

$[\dfrac{1}{2} \leq x < \dfrac{5}{2}, x \leq -3]$

3) $\dfrac{4x^2-1}{12-6x} \geq 0$

$[x \leq -\dfrac{1}{2}, \dfrac{1}{2} \leq x < 2]$

5) $\dfrac{(x^2-4)}{(x+1)} \geq 0$

$[-2 \leq x < 1, x \geq 2]$

6) $\dfrac{(-4-x)}{(x^2-9)} \leq 0$

$[-4 \leq x < -3, x > 3]$

7) $\dfrac{3}{(x+2)} - \dfrac{4}{(x+5)} \geq 0$

$[x < -5, -2 < x \leq 7]$

8) $\dfrac{4}{(x+5)} + \dfrac{3}{(-x-6)} \leq 0$

$[x \leq -9, -6 < x < 5]$