RATIONAL FUNCTION INEQUALITIES (x IN DENOMINATOR)

For questions **2** to **11**, solve the following inequalities.

2 $\dfrac{x-3}{x+1} > 0$

3 $\dfrac{x-2}{x+3} > -2$

4 $\dfrac{4x-3}{2x+1} \leq 3$

5 $\dfrac{2}{1-x} > -1$

RATIONAL FUNCTION INEQUALITIES (x IN DENOMINATOR)

6 $\dfrac{2x-3}{4x-5}+2<0$

7 $\dfrac{1}{(x-1)(x-3)}\leq-1$

RATIONAL FUNCTION INEQUALITIES (x IN DENOMINATOR)

9 $\dfrac{x}{x^2-1} < 0$

10 $\dfrac{2x-4}{x+3} > \dfrac{x+2}{2x+6}$