PAG. 145 N 268

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

$$\frac{2x}{(x-3)(x+3)} - \frac{1}{(x+3)^{2}}$$

$$\frac{2x}{(x-3)(x+3)} - \frac{1}{(x+3)^{2}} + \frac{x-2}{(x+3)^{2}} = 0$$

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$$\frac{2x}{(x-3)(x+3)} - \frac{1}{(x+3)^{2}} + \frac{x-2}{(x-3)(x+3)^{2}} = 0$$

$$\frac{2x}{(x-3)(x+3)^{2}} - \frac{1}{(x-3)(x+3)^{2}} = 0$$

$$\frac{2x^{2}+6x-x^{2}-9-6x+x^{2}-3x-2x+6}{(x-3)(x+3)^{2}} = 0$$

$$\frac{2x^{2}+6x-x^{2}-9-6x+x^{2}-3x-2x+6}{(x-3)(x+3)^{2}} = 0$$

$$\frac{N2x^{2}-5x-3}{(x-3)(x+3)^{2}} \ge 0$$

 $N = 2 \times 2 - 5 \times - 3 \triangle 0$ $\Delta = 25 + 24 = 49$ X = 5 + 7 = 7 X = 7 = 7 X = 7 =

$$D_{1} \times -3 = 0$$
 $\times > 3$
 $D_{2} \times ^{2} + 6x + 9 = 0$
 $A = 36 - 36 = 0$
 $X = -6 = -3$
 $X \neq -3$

$$N) \times (-\frac{1}{2} \vee \times > 3)$$

$$-\frac{1}{2}/\times/3$$
 \vee \times >3