

Algebra /

Dividing rational expressions involving quadratics with leading coefficients...

$$\begin{array}{c}
 \begin{array}{c} +2 \\ -1 \\ -3 \end{array} \\
 \hline
 x^2 - 3x + 2 \\
 \hline
 x - 3 \quad \text{Keep}
 \end{array}
 \div
 \begin{array}{c}
 3x - 6 \quad \text{BOTTOM} \\
 \hline
 x + 2 \quad \text{TOP} \quad \text{FLIP!}
 \end{array}$$

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

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