

Reductions on the variables: $\frac{x-3}{+B+3} = 0$ / LCD: $(x-3)$
 $x=3$

$$\frac{x+5}{\cancel{x-3}} \cdot \overset{1}{\underset{1}{(x-3)}} = \frac{2(x+1)}{\cancel{x-3}} \cdot \overset{1}{\underset{1}{(x-3)}}$$

$$x+5 = 2(x+1)$$

$$\cancel{x}+5 = 2x+2$$

$$\begin{array}{r} -\cancel{x} \qquad \qquad -x \\ \hline \end{array}$$

$$5 = x+2$$

$$\begin{array}{r} -2 \qquad \qquad -2 \\ \hline \end{array}$$

$$\cancel{3 = x}$$

Extraneous Solution

\emptyset or No Solution