

$$\frac{x+4}{(x-3)(x+4)} = \frac{1}{x-3}$$

$$\frac{(7)+4}{(7-3)(7+4)} = \frac{1}{(7)-3}$$

$$\frac{11}{(4)(11)} = \frac{1}{4}$$

$$\frac{1}{4} = \frac{1}{4} \quad \checkmark$$