- $\dfrac{7x}{x+2} = \dfrac{5x}{(x+1)}$

- $7x(x+1) = 5x(x+2)$

$7x^2 + 7x = 5x^2 + 10x$

$7x^2 - 5x^2 + 7x - 10x$

$2x^2 - 3x = 0$

$x(2x-3) = 0$

$x = 0 \quad\quad x = \dfrac{3}{2}$