C11 - 6.1 - Simplifying Rationals WS

Simplify.

$\frac{12x^3}{3x} =$

$\frac{2x+6}{x+3} =$

$\frac{x^2+5x+6}{x+2} =$

$\frac{x^2-4}{x+2} =$

$\frac{x+7}{x+7} =$

$\frac{x-2}{x^2+2x-8} =$

$\frac{x+3}{x^2-9} =$

$\frac{2(x+5)}{5+x} =$

$\frac{x^2-6x+8}{x+3} =$

$\frac{2x^2+5x+3}{x+1} =$

$\frac{2x^2-7x-4}{2x+4}$

$\frac{x-5}{5-x} =$

$\frac{x^2-4}{4-x^2} =$

$\frac{2x-2}{1-x} =$

$\frac{x^2+5x-6}{-x^2-5x+6}$

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

$\frac{3-x}{x+3} =$

$\frac{x+2}{-2+x} =$