Chapter 6: Operations with Rational Expressions

OBJ: To compare what we know about fraction operations to what we are learning about rational expressions

Fractions	*Rule*	*Rational Expression*
$\frac{5}{10} \bullet \frac{6}{12}$		$\frac{(x+2)}{(x-2)} \bullet \frac{(x^2-4)}{(x^2+x-2)}$
$\frac{7}{3} \div \frac{7}{9}$		$\frac{(a^2-1)}{(a+1)} \div \frac{(a^2-2a+1)}{(a+1)}$
$\frac{5}{7} + \frac{3}{2}$		$\frac{2}{5x} + \frac{3x}{x+1}$
$\frac{5}{7} - \frac{3}{5}$		$\frac{4y}{y^2-7y+12} - \frac{y}{y^2-3y-4}$