

## Rational Expressions (Homework)

Simplify each of these:

$$\textcircled{1} \frac{x}{2} \times \frac{x}{3}$$

$$\textcircled{7} \frac{3x}{4} + \frac{x}{5}$$

$$\textcircled{2} \frac{4x}{3y} \times \frac{2y}{x}$$

$$\textcircled{8} \frac{xy}{4} + \frac{2xy}{3}$$

$$\textcircled{3} \frac{x}{2} \times \frac{x-2}{5}$$

$$\textcircled{9} \frac{2x-1}{2} + \frac{3x-1}{4}$$

$$\textcircled{4} \frac{2x}{7} \div \frac{4y}{14}$$

$$\textcircled{10} \frac{3x}{4} - \frac{2x}{5}$$

$$\textcircled{5} \frac{4y^2}{9x} \div \frac{2y}{3x^2}$$

$$\textcircled{11} \frac{x+1}{2} - \frac{x+2}{3}$$

$$\textcircled{6} \frac{x}{2} \div \frac{x-2}{5}$$

$$\textcircled{12} \frac{x}{5} - \frac{2x+1}{3}$$