

Name _____ Block _____

Simplify.

$$1) \frac{\frac{1}{2}}{\frac{\frac{3}{4}}{\frac{1}{3}}}$$

$$2) \frac{1}{\frac{1}{2} + \frac{1}{3}}$$

$$3) \frac{2 + \frac{3}{x}}{\frac{5}{x} + 3}$$

$$4) \frac{1 + \frac{1}{x}}{1 - \frac{1}{x}}$$

$$5) \frac{\frac{2}{x} + 3}{\frac{1}{x+2} + 5}$$

$$5) \frac{\frac{6}{x-1} - 3}{\frac{3}{x}}$$

$$7) \frac{\frac{2}{4x+12}}{\frac{4}{2x+6} + \frac{1}{x+3}}$$

$$8) \frac{\frac{1}{3x} - \frac{4}{x+2}}{\frac{x}{x+2} + \frac{1}{x}}$$