

Adding and Subtracting Rational Expressions

$$1. \frac{1}{3} + \frac{1}{4}$$

$$2. \frac{x-3}{x+3} - \frac{x+7}{x+3}$$

$$3. \frac{x+3}{2xy^2} + \frac{2x-2}{5y}$$

$$4. \frac{1}{x^2+5x+4} - \frac{5x}{3x+3}$$

$$5. \frac{7y}{5y^2 - 125} - \frac{4}{3y + 15}$$

$$6. 3x + \frac{x^2 + 5x}{x^2 - 2}$$