

Adding and Subtracting Rational Functions

Add or Subtract:

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

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

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

$$4. \frac{3x-2}{x+6} + \frac{2x-3}{2x-1}$$

$$5. \frac{4x-5}{12x+4} + \frac{3x-1}{3x+1}$$

$$6. \frac{3x-4}{x^2-9} + \frac{2x-1}{x+3}$$

$$7. \frac{3x-5}{2x-5} - \frac{2x-5}{3x+1}$$

$$8. \frac{2x+8}{x^2-16} - \frac{3}{x-4}$$

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

$$10. \frac{3x-2}{x+2} + \frac{2x}{4x-1}$$

$$11. \frac{2x-7}{x-2} + \frac{8x}{3x-6}$$

$$12. \frac{1}{x-4} - \frac{2}{x^2-6x+8}$$