

Add or subtract.

$$1) \frac{9y^2 - 11y - 25}{9y^2 - 16} - \frac{6y^2 - 5}{9y^2 - 16}$$

Find the least common denominator of the rational expressions.

$$2) \frac{4}{x} \text{ and } \frac{4}{x-6}$$

Denominator 1: _____ Denominator 2: _____

LCD: _____

$$3) \frac{1}{6x} \text{ and } \frac{-3}{x^2 + 3x}$$

Denominator 1: _____ Denominator 2: _____

LCD: _____

$$4) \frac{x-1}{x^2 + 10x + 9} \text{ and } \frac{2}{x^2 + x}$$

Denom. 1: _____ Denom 2: _____

LCD: _____

$$5) \frac{-6}{x^2 + 7x + 6} \text{ and } \frac{5x-5}{-5x-5}$$

Denom. 1: _____ Denom 2: _____

LCD: _____

$$6) \frac{5}{x^2 - 16} \text{ and } \frac{10}{x(x-4)}$$

Denom. 1: _____

Denom 2: _____

LCD: _____