Adding & Subtracting Rational Expressions · 1

Subtract: $\frac{5}{x - 7} - \frac{9}{x - 7}$

Adding & Subtracting Rational Expressions · 2

Subtract: $\frac{x + 1}{x + 5} - \frac{3x - 2}{x + 5}$

Adding & Subtracting Rational Expressions · 3

Add: $\frac{8}{x - 1} + \frac{11}{x - 1}$

Adding & Subtracting Rational Expressions · 4

Find the least common denominator of $\frac{6}{5x}$ and $\frac{1}{2x^2}$.

Adding & Subtracting Rational Expressions · 5

Subtract: $\frac{1}{x - 4} - \frac{5}{x - 4}$

Adding & Subtracting Rational Expressions · 6

Add: $\frac{3x - 3}{x - 5} + \frac{3x - 4}{x - 5}$

Adding & Subtracting Rational Expressions · 7

Subtract: $\frac{10}{x - 3} - \frac{4}{x - 3}$

Adding & Subtracting Rational Expressions · 8

Find the least common denominator of $\frac{3}{8x}$ and $\frac{8}{3x^2}$.

Adding & Subtracting Rational Expressions · 2

ANSWER

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

Adding & Subtracting Rational Expressions · 1

ANSWER

$$\frac{4}{-x - 7}$$

Adding & Subtracting Rational Expressions · 4

ANSWER

$$10x^2$$

Adding & Subtracting Rational Expressions · 3

ANSWER

$$\frac{19}{x - 1}$$

Adding & Subtracting Rational Expressions · 6

ANSWER

$$\frac{6x - 7}{x - 5}$$

Adding & Subtracting Rational Expressions · 5

ANSWER

$$\frac{4}{-x - 4}$$

Adding & Subtracting Rational Expressions · 8

ANSWER

$$24x^2$$

Adding & Subtracting Rational Expressions · 7

ANSWER

$$\frac{6}{x - 3}$$

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

Find the least common denominator of $\frac{7}{9x}$ and $\frac{9}{7x^2}$.

Subtract: $\frac{5}{x + 1} - \frac{3}{x + 7}$. Write the answer over the common denominator $(x + 1)(x + 7)$ and give only the numerator.

Subtract: $\frac{7}{x} - \frac{4}{x^2}$. Write the answer over the common denominator x^2 and give only the numerator.

Add: $\frac{x + 5}{x - 2} + \frac{5x - 2}{x - 2}$

Subtract: $\frac{5}{x - 4} - \frac{2}{x - 8}$. Write the answer over the common denominator $(x - 4)(x - 8)$ and give only the numerator.

Subtract: $\frac{x - 2}{x - 2} - \frac{4x + 1}{x - 2}$

Find the least common denominator of $\frac{7}{x + 8}$ and $\frac{2}{x + 6}$.

Adding & Subtracting Rational Expressions · 10

ANSWER

$$63x^2$$

Adding & Subtracting Rational Expressions · 9

ANSWER

$$\frac{8x + 1}{x - 4}$$

Adding & Subtracting Rational Expressions · 12

ANSWER

$$7x - 4$$

Adding & Subtracting Rational Expressions · 11

ANSWER

$$2x + 32$$

Adding & Subtracting Rational Expressions · 14

ANSWER

$$3x - 32$$

Adding & Subtracting Rational Expressions · 13

ANSWER

$$\frac{6x + 3}{x - 2}$$

Adding & Subtracting Rational Expressions · 16

ANSWER

$$(x + 8)(x + 6)$$

Adding & Subtracting Rational Expressions · 15

ANSWER

$$\frac{-3x - 3}{x - 2}$$

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

Find the least common denominator of $\frac{2}{x - 6}$ and $\frac{5}{x - 4}$.

Add: $\frac{6}{x + 1} + \frac{1}{x - 4}$. Write the answer over the common denominator $(x + 1)(x - 4)$ and give only the numerator.

Subtract: $\frac{1}{x} - \frac{3}{x^2}$. Write the answer over the common denominator x^2 and give only the numerator.

Add: $\frac{2x + 4}{x - 8} + \frac{5x + 4}{x - 8}$

Add: $\frac{4}{x + 3} + \frac{6}{x - 6}$. Write the answer over the common denominator $(x + 3)(x - 6)$ and give only the numerator.

Add: $\frac{5x - 1}{x + 2} + \frac{x - 1}{x + 2}$

Find the least common denominator of $\frac{7}{9x}$ and $\frac{8}{7x^2}$.

Adding & Subtracting Rational Expressions · 18

ANSWER

$$(x - 6)(x - 4)$$

Adding & Subtracting Rational Expressions · 17

ANSWER

$$\frac{7x - 1}{x - 2}$$

Adding & Subtracting Rational Expressions · 20

ANSWER

$$x - 3$$

Adding & Subtracting Rational Expressions · 19

ANSWER

$$7x - 23$$

Adding & Subtracting Rational Expressions · 22

ANSWER

$$10x - 6$$

Adding & Subtracting Rational Expressions · 21

ANSWER

$$\frac{7x + 8}{x - 8}$$

Adding & Subtracting Rational Expressions · 24

ANSWER

$$63x^2$$

Adding & Subtracting Rational Expressions · 23

ANSWER

$$\frac{6x - 2}{x + 2}$$