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

Subtract: $\frac{5}{x^2 - 64} - \frac{6}{x - 8}$. Write the answer over the common denominator (x + 8)(x - 8) and give only the numerator.

Add and simplify fully:

$$\frac{5}{x + 7} + \frac{70}{x^2 - 49}$$

Find the least common denominator of $\frac{7}{x^2 - 25}$ and $\frac{2}{x - 5}$. Write it in factored form.

Add: $\frac{2}{x - 6} + \frac{4}{x - 3}$. Write the answer over the common denominator (x - 6)(x - 3) and give only the numerator.

Add: $\frac{5}{x^2 - 64} + \frac{5}{x - 8}$. Write the answer over the common denominator (x + 8)(x - 8) and give only the numerator.

Add and simplify fully:

$$\frac{2}{x + 6} + \frac{24}{x^2 - 36}$$

Add: $\frac{x}{x - 1} + \frac{5}{x - 4}$. Write the answer over the common denominator (x - 1)(x - 4) and give only the numerator.

Adding & Subtracting Rational Expressions · 2

ANSWER

$$-6x - 43$$

Adding & Subtracting Rational Expressions · 1

ANSWER

$$x^2 - 20$$

Adding & Subtracting Rational Expressions · 4

ANSWER

$$(x - 5)(x + 5)$$

Adding & Subtracting Rational Expressions · 3

ANSWER

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

Adding & Subtracting Rational Expressions · 6

ANSWER

$$5x + 45$$

Adding & Subtracting Rational Expressions · 5

ANSWER

$$6x - 30$$

Adding & Subtracting Rational Expressions · 8

ANSWER

$$x^2 + x - 5$$

Adding & Subtracting Rational Expressions · 7

ANSWER

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

Subtract: $\frac{x}{x-6} - \frac{8}{x-3}$. Write the answer over the common denominator $(x - 6)(x - 3)$ and give only the numerator.

Subtract: $\frac{2}{x^2-64} - \frac{1}{x-8}$. Write the answer over the common denominator $(x + 8)(x - 8)$ and give only the numerator.

Add and simplify fully:

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

Find the least common denominator of $\frac{9}{x^2+5x+4}$ and $\frac{5}{x+1}$. Write it in factored form.

Add: $\frac{6}{x-3} + \frac{1}{x-7}$. Write the answer over the common denominator $(x - 3)(x - 7)$ and give only the numerator.

Subtract: $\frac{1}{x^2-16} - \frac{3}{x-4}$. Write the answer over the common denominator $(x + 4)(x - 4)$ and give only the numerator.

Subtract and simplify fully:

$$\frac{2}{x-6} - \frac{24}{x^2-36}$$

Subtract: $\frac{x}{x-4} - \frac{5}{x+6}$. Write the answer over the common denominator $(x - 4)(x + 6)$ and give only the numerator.

Adding & Subtracting Rational Expressions · 10

ANSWER

$$-x - 6$$

Adding & Subtracting Rational Expressions · 9

ANSWER

$$x^2 - 11x + 48$$

Adding & Subtracting Rational Expressions · 12

ANSWER

$$(x + 1)(x + 4)$$

Adding & Subtracting Rational Expressions · 11

ANSWER

$$\frac{1}{x - 3}$$

Adding & Subtracting Rational Expressions · 14

ANSWER

$$-3x - 11$$

Adding & Subtracting Rational Expressions · 13

ANSWER

$$7x - 45$$

Adding & Subtracting Rational Expressions · 16

ANSWER

$$x^2 + x + 20$$

Adding & Subtracting Rational Expressions · 15

ANSWER

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

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

Add: $\frac{4}{x^2-64} + \frac{6}{x-8}$. Write the answer over the common denominator $(x+8)(x-8)$ and give only the numerator.

Add and simplify fully:

$$\frac{3}{x+4} + \frac{24}{x^2-16}$$

Find the least common denominator of $\frac{4}{x^2-9}$ and $\frac{5}{x+3}$. Write it in factored form.

Add: $\frac{7}{x-4} + \frac{4}{x+4}$. Write the answer over the common denominator $(x-4)(x+4)$ and give only the numerator.

Subtract: $\frac{10}{x^2-4} - \frac{6}{x-2}$. Write the answer over the common denominator $(x+2)(x-2)$ and give only the numerator.

Add: $\frac{x}{x-2} + \frac{7}{x+8}$. Write the answer over the common denominator $(x-2)(x+8)$ and give only the numerator.

Add: $\frac{x}{x+2} + \frac{6}{x-6}$. Write the answer over the common denominator $(x+2)(x-6)$ and give only the numerator.

Adding & Subtracting Rational Expressions · 18

ANSWER

$$6x + 52$$

Adding & Subtracting Rational Expressions · 17

ANSWER

$$x^2 + 4x + 21$$

Adding & Subtracting Rational Expressions · 20

ANSWER

$$(x + 3)(x - 3)$$

Adding & Subtracting Rational Expressions · 19

ANSWER

$$\frac{3}{x - 4}$$

Adding & Subtracting Rational Expressions · 22

ANSWER

$$-6x - 2$$

Adding & Subtracting Rational Expressions · 21

ANSWER

$$11x + 12$$

Adding & Subtracting Rational Expressions · 24

ANSWER

$$x^2 + 12$$

Adding & Subtracting Rational Expressions · 23

ANSWER

$$x^2 + 15x - 14$$