

HOMWORK: ADD/SUBTRACT RATIONAL EXPRESSIONS

NAME: _____

DAY 2 DUE: _____

1. $\frac{23}{10x^2} - \frac{x}{10x^2} =$

2. $\frac{x}{x^2 - 5x} - \frac{5}{x^2 - 5x}$

3. $\frac{6}{4x^2} + \frac{2}{5x}$

4. $\frac{5}{6x^2} + \frac{x}{4x^2 - 12x}$

5. $\frac{4x^2}{3x+5} - \frac{10}{x+8}$

6. $-\frac{4}{7x} - \frac{5}{3x}$

7.
$$\frac{x+3}{x^2-2x-8} - \frac{x-5}{x^2-12x+32}$$

8.
$$\frac{2x+1}{x^2+8x+16} - \frac{3}{x^2-16}$$

9.
$$\frac{10x}{3x^2-3} + \frac{4}{x-1} + \frac{5}{6x}$$

10.
$$\frac{\frac{5}{x+4}}{\frac{1}{x+4} + \frac{2}{x}}$$