

Rational Equations

Name _____

1.

$$\frac{k+4}{4} + \frac{k-1}{4} = \frac{k+4}{4k}$$

2.

$$\frac{x-4}{6x} + \frac{x^2-3x-10}{6x} = \frac{x-1}{6}$$

3.

$$\frac{3}{m^2} = \frac{m-4}{3m^2} + \frac{2}{3m^2}$$

4.

$$\frac{5x+5}{x+4} = 2$$

5.

$$\frac{1}{2n^2} + \frac{5}{2n} = \frac{n-2}{n^2}$$

6.

$$\frac{r-4}{5r} = \frac{1}{5r} + 1$$

7.

$$\frac{x-6}{x} = \frac{x+4}{x} + 1$$

8.

$$\frac{6}{p} = \frac{1}{p-5} - \frac{p+4}{p^2-5p}$$

9.

$$\frac{x+2}{x-4} = \frac{2}{x-3}$$

10.

$$\frac{3x^2+5}{7x+5} = 2$$