

## Adding Subtracting and Complex Fractions

Date \_\_\_\_\_ Period \_\_\_\_\_

**Simplify each expression.**

1)  $\frac{v-3}{4v+10} - \frac{4}{2}$

2)  $\frac{x-4}{x+2} - \frac{4}{2}$

3)  $\frac{2p}{p-5} - \frac{5p}{p-1}$

4)  $\frac{2v+2}{6v-6} - \frac{4}{2}$

5)  $\frac{3m}{6m^2+10m} + \frac{4}{2}$

6)  $\frac{3}{2n} - \frac{3}{10n-8}$

7)  $\frac{4}{3} - \frac{5}{x+4}$

8)  $\frac{4}{2x^2-8x} + \frac{3}{2x}$

$$9) \frac{4}{3n+4} - \frac{4n}{n-5}$$

$$10) \frac{4}{n-3} - \frac{2}{n-4}$$

$$11) \frac{\frac{m-5}{4} - \frac{3}{m-5}}{2}$$

$$12) \frac{\frac{m^2}{4m+20} - \frac{4m}{m+5}}{m}$$

$$13) \frac{\frac{x+5}{3}}{2x+10} + \frac{x+5}{36}$$

$$14) \frac{\frac{5}{a^2}}{\frac{5}{a} - \frac{16}{5}}$$

$$15) \frac{\frac{6}{x^2} + \frac{1}{2}}{\frac{x}{2}}$$