

# Complex Fractions 2- Simplify

(Negatives, Variables, & Exponents)

1)

$$\frac{\frac{3}{8}}{-\frac{7}{10}}$$

4)

$$\frac{-\frac{5y}{9}}{-\frac{y}{6}}$$

2)

$$\frac{\frac{x+7}{12}}{\frac{x-2}{3}}$$

5)

$$\frac{\frac{6a+5}{8a^2}}{\frac{a-3}{4a^3}}$$

3)

$$\frac{\frac{1}{2} + \frac{7}{10}}{\frac{4}{15} + \frac{2}{5}}$$

6)

$$\frac{\frac{1}{r^2} - \frac{5}{12}}{\frac{5}{r} + \frac{1}{4}}$$

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7)

$$\frac{\frac{x}{6} + 3}{\frac{x}{12} + 3}$$

10)

$$\frac{5 - \frac{2}{y}}{3 + \frac{7}{y}}$$

8)

$$\frac{\frac{3}{x+2} + 4}{\frac{7}{x+2} - 1}$$

9)

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