

Name: _____

Date: _____

Class: _____

Mixed Expressions and Complex Fractions Worksheet

Simplify.

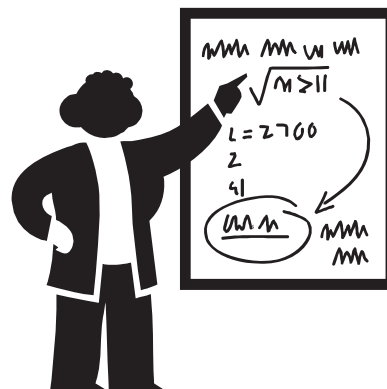
1. $\frac{3\frac{1}{2}}{4\frac{3}{4}}$

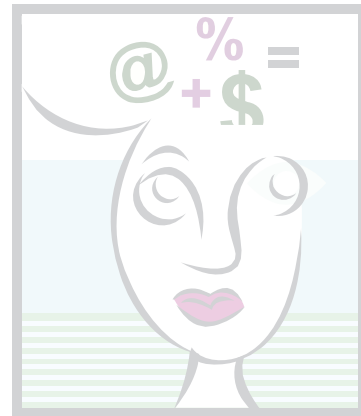
2. $\frac{\frac{x^2}{y}}{\frac{y}{x^2}}$

3. $\frac{\frac{x+4}{y-2}}{\frac{x^2}{y^3}}$

4. $\frac{\frac{x^3}{y^2}}{\frac{x+y}{x-y}}$

5. $\frac{\frac{x+y}{a+b}}{\frac{x^2-y^2}{a^2-b^2}}$





$$6. \frac{\frac{x^2 + 8x + 15}{x^2 + x - 6}}{\frac{x^2 + 2x - 15}{x^2 - 2x - 3}}$$

$$7. \frac{\frac{a^2 - 2a - 3}{a^2 - 1}}{a - 3}$$

$$8. \frac{x - \frac{15}{x - 2}}{x - \frac{20}{x - 1}}$$

$$9. \frac{x + 2 + \frac{2}{x + 5}}{x + 6 + \frac{6}{x + 1}}$$

$$10. \frac{x + 5 + \frac{3}{x + 1}}{x - 1 - \frac{3}{x + 1}}$$