

Foundations for College Algebra
Spring 2016
Practice Fraction and Order of Operation Problems

Note: Do all steps following the *Order of Operation* precisely!

1. $\left(-\frac{5}{4}\right)^2 + \left[\left(4 - \frac{7}{5}\right) + 2\right]^2 - 5 + 3\left(\frac{1}{6} + \frac{2}{9}\right)$

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

3. $-4 + \frac{1}{4} \left| \frac{1}{2} - \frac{1}{8} \right| \div 4 - \frac{1}{4} + 4 * \frac{1}{8}$

4. $\frac{\frac{2}{7} - 3 + \frac{1}{2}}{-\frac{1}{5} + 3 - \frac{1}{2}}$

5. $\frac{\frac{3}{7} - \frac{5}{y}}{-\frac{6}{y^2}}$