Order of Operations with Fractions

Nothing new to teach here, as the students already know the order of operations and know how to do everything with fractions. This just allows them to put all their skills together to solve one problem.

Practice Fraction Order of Operation Problems:

- $$\frac{3^2}{54} + \frac{162}{38}(\frac{5}{72} + \frac{1}{54}) - \sqrt{\frac{25}{324}} \qquad \frac{19}{72}$$

- $$\sqrt{\frac{256}{169}}(\frac{7}{48} - \frac{5}{64}) \div (\frac{1}{6} + \frac{2}{9}) \qquad \frac{3}{14}$$

- $$\frac{245}{52}(\frac{7}{42} - \frac{5}{147}) \div 15 + \frac{9^0}{18} \qquad \frac{7}{72}$$

- $$\sqrt[3]{\frac{125}{10648}} + \frac{2^3}{44} - \frac{165}{74}(\frac{2}{55} + \frac{3}{121}) \qquad \frac{3}{11}$$

- $$\frac{5}{18} \div \frac{4^3}{507} \div (\frac{5}{8} - \frac{1}{12})^2 - \sqrt{\frac{1}{9}} \qquad \frac{43}{6}$$

Word Problems with Fractions

Practice Fraction Word Problems:

- Nick goes to the store and buys a roast that weighs $\frac{13}{24}$ pounds. $\frac{1}{16}$ of that roast is fat. How much does the roast weigh after the fat is trimmed off?

- Joe has $\frac{5}{8}$ of a pizza leftover and he is going to share what's left with 6 people. How much will each person get?

- Elizabeth is coming into some money, $24,000 to be exactly. Elizabeth's share of the money $\frac{5}{6}$ of it and his daughter gets $\frac{3}{4}$ of his share. How much will his daughter receive? *remember that "of" means to multiply!