

Watch the videos and take notes on this pageDue at the Beginning of Next Class**Section 1.2: Fraction Review**

1. Multiplying Fractions - What is half of a half?

Try to cross-cancel first. Always simplify!

a. $\frac{1}{2} \cdot \frac{1}{2}$

b. $\frac{1}{3} \cdot \frac{3}{5}$

c. $2 \cdot \frac{1}{8}$

2. Dividing Fractions - Dividing by 2 is the same as multiplying by $\frac{1}{2}$ (reciprocal)

a. $-\frac{3}{4} \div \frac{3}{2}$

b. $\frac{11}{16} \div \left(-\frac{9}{16}\right)$

3. Adding and Subtracting Fractions – We can only add like sized pieces (common denominator).

a. $\frac{1}{2} + \frac{2}{3}$

b. $\frac{18}{11} - \frac{7}{11}$

c. $-\frac{3}{8} - \left(-\frac{1}{2}\right)$

d. $\frac{3}{8} - \frac{1}{3}$ (Try this one after the video)

4. Perimeter – Draw a Picture.

A rectangular yard is $\frac{1}{5}$ of a mile wide by $\frac{1}{2}$ mile long. How long is the perimeter? Practice with fractions, but then you can use decimals to check!

Section 1.4: Order of Operations

5. Order of Operations – PEMDAS

a. $3 + (-4) \cdot 5$

b. $(-40) \div (-4) \cdot 2$

c. $15 - 2[5 - (-2)]$ (Try this one after the video)

d. $\frac{9 \cdot 2 + 2|-5|}{(-2)^2}$