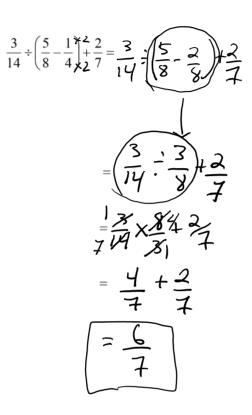
3.9 Order Of Operations With Fractions

Wednesday, October 28, 2015 2:04 PM

<u>Unit 3: Operations with Fractions</u> 3.9 Order of Operations with Fractions

Math 8

The order of operations for fractions is the \underline{SAME} as for whole numbers. *BEDMAS*



Write the fractions in brackets with <u>Common</u>

Name

denominators

Do the operation in brackets first.

, Reperse

Divide by multiplying by the reciprocal.

Add.

Remember! You must use common denominators to add and subtract fractions.

Try these:

1.
$$\left(\frac{13}{16} - \frac{3}{4}\right)^{12} \times \frac{5}{8} = \frac{1}{16} \times \frac{5}{8}$$

$$2. \frac{7}{8} \div \left(\frac{3}{4} \div \frac{3}{4}\right) = \frac{7}{5} \div \left(\frac{3}{5} \div \frac{7}{5}\right)$$

3.
$$\frac{3}{4} \times \left(\frac{3}{4} - \frac{1}{4} \div \frac{1}{2}\right) = \frac{3}{9} \times \left(\frac{3}{5} - \frac{1}{5}\right)^{1} \frac{1}{4} \ln 6^{n} 4. \frac{7}{9} - \frac{5}{9} \times \frac{1}{4} = \frac{7}{9} - \frac{5}{36}$$

 $= \frac{3}{7} \times \frac{1}{7}$
 $= \frac{3}{76}$
 $\times CH. 3 \text{ Test around Nov. 9 } \times$
 $- \text{ start reviewing}$
Assignment: $p. 155 \# 4, 6, 7, 8-10, 12$