DIVIDING FRACTIONS

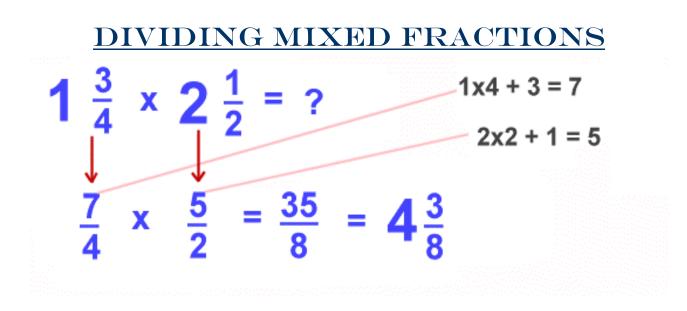
$$\frac{3}{4} \div \frac{1}{8} = \frac{3}{4} \times \frac{8}{1} = \frac{24}{4}$$

STEP 1: Find the reciprocal/inverse of the second fraction. (FLIP the 2nd fraction) $\frac{1}{8} = \frac{8}{8}$

STEP 2: Then you multiply the numerator times numerator (3×8) and denominator times the denominator (4×1) .

STEP 3: Simplify your improper fraction. $\underline{24} = 6$

Divide your denominator (4) into your numerator (24). You will get a whole number (6). In this case, there is no remainder so, no numerator or denominator in your answer.



STEP 1: Turn each mixed number into an improper fraction.
**Multiply the whole # by the denominator and add the numerator.
Denominator remains the same**

STEP 2: Multiply your new fractions. (Same as above)

STEP 3: Simplify your improper fraction back to a mixed number. **Divide your numerator by the denominator. This is your new whole #. Your remainder is your new numerator and your denominator remains the same.** (Reduce your new fraction if possible)