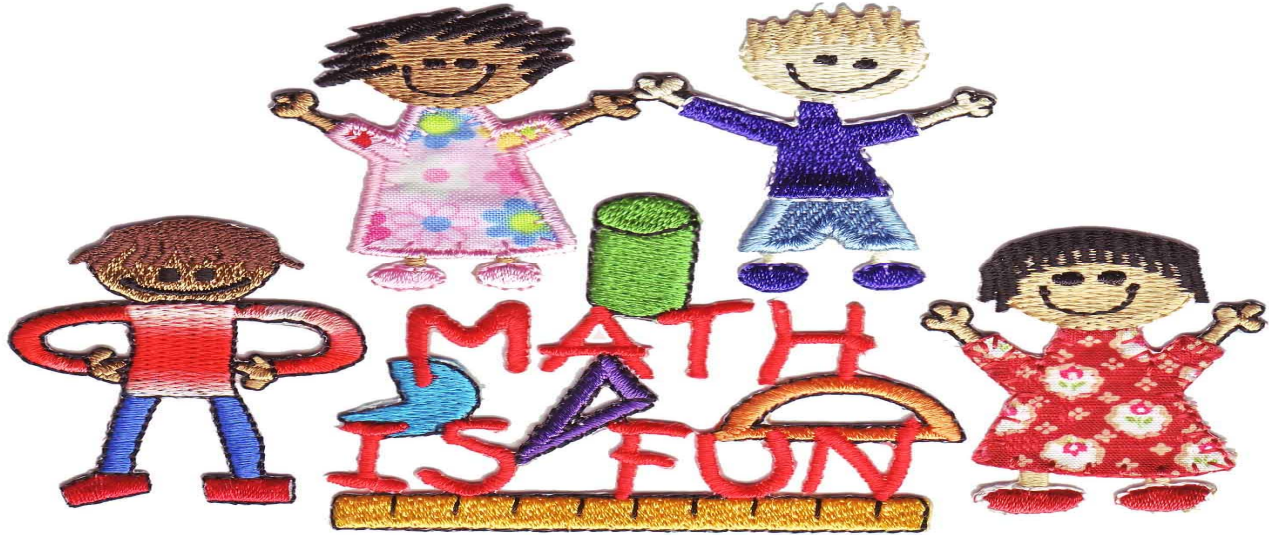


2.15 (pg.57) Multiplying Mixed Numbers



Our Example:

$$5\frac{1}{3} \times 1\frac{1}{4} =$$

Step 1

Change the mixed numbers into improper fractions.



**WHO REMEMBERS
HOW TO DO THAT?**

To change a mixed number into a fraction greater than one...

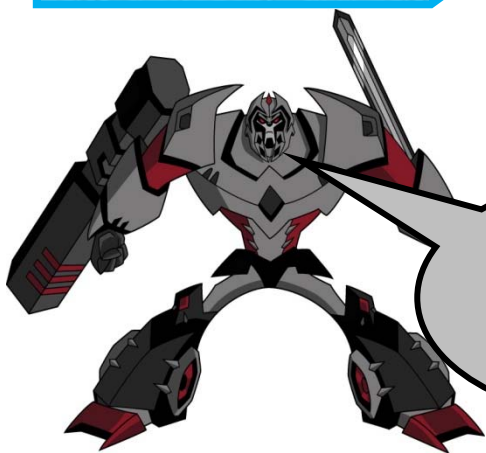
1. Multiply the whole number by the denominator.
2. Add this number to the numerator.
3. Put this number over the original denominator.

**BASICALLY,
FOLLOW
THESE
STEPS!**



$$5 \frac{1}{3} \quad (5 \times 3) + 1 = \frac{16}{3}$$

Step 2



**I WILL
TRICK YOU
NEXT TIME!**

Use cancellation if necessary and multiply.

$$\text{Ex. } \frac{\overset{4}{\cancel{16}}}{3} \times \frac{5}{\underset{4}{\cancel{4}}_1} = \frac{20}{3} \rightarrow 3 \overline{)20} \begin{array}{r} 6\frac{2}{3} \\ -18 \\ \hline 2 \end{array}$$

Try these in your notes...please!

$$1 \frac{4}{7} \times 4 \frac{2}{3} = \quad 4 \frac{1}{6} \times 5 \frac{1}{3} =$$