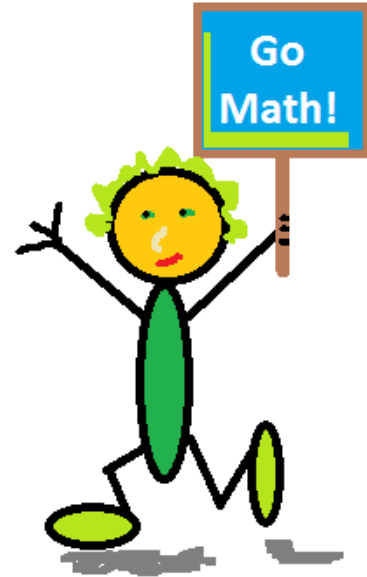


2.2 (text pg. 64) Dividing Fractions



"To show you how well I understand fractions, I only did half of my homework."

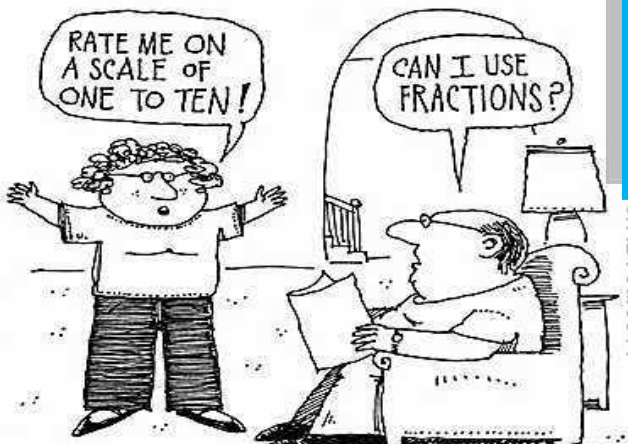


Step 1

Identify the **divisor**.

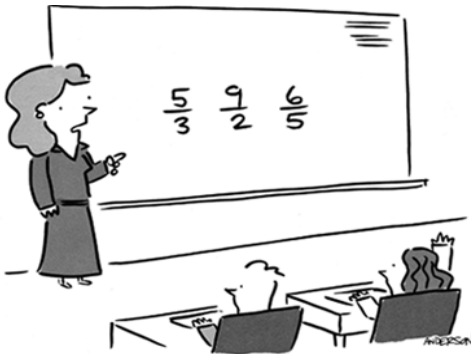
$$\frac{9}{10} \div \frac{1}{5} =$$

Divisor, is always the 2nd fraction.



ch ID: ear0611

Step 2



"No, you don't need a permission slip to learn about improper fractions."

Find the reciprocal of the **divisor**.

Reciprocal \longrightarrow "Flip **Divisor**"

Ex. $\frac{3}{4} \longrightarrow \frac{4}{3}$ OR $\frac{3}{2} \longrightarrow \frac{2}{3}$

OR $6 \longrightarrow \frac{1}{6}$

Step 3



"I'll be the quarterback, Tom will be the halfback, and you can be the three-quarters-back."

Multiply the **dividend** by the reciprocal of the **divisor**.

Example:

$$\frac{9}{10} \div \frac{1}{5} \longrightarrow \frac{9}{10} \times \frac{5}{1} = \frac{9}{2} = 4\frac{1}{2}$$

Division changes to multiplication!!!



REMEMBER!!!

Kentucky-**C**heese-**F**ries

Keep-**C**hange-**F**lip

Examples (do in notes):

$$\frac{6}{9} \div \frac{3}{18} =$$

$$6 \div \frac{5}{8} =$$

$$\frac{5}{7} \div 8 =$$