

Mixed Fraction to Whole Fraction

Bottom number stays the same. *IM proper*

$$5 \frac{2}{3} = \frac{17}{3}$$

Multiplying Fractions

Multiply straight across and then reduce.

$$\frac{2}{5} \times \frac{3}{4} = \frac{6}{20} \div 2 = \frac{3}{10}$$

DIVIDING FRACTIONS

$$\frac{2}{7} \div \frac{5}{6} =$$

K keep
1st

F flip
2nd

C change
the sign

$$\frac{2}{7} \cdot \frac{6}{5} = \frac{12}{35}$$

Homework

Multiplying and Dividing

Fractions Packet

Welcome Back to Ms. Mahony's Algebra Class!!!

Find your seat and
be ready to start please!

You need a stick quiz form on top
of calculator box!

Get Homework and stamp sheet out too!

Stick Quiz

$$1. \frac{3}{4} \times \frac{2}{7} = \frac{3}{14}$$

$$2. \frac{4}{9} \div 2 = \frac{2}{9}$$

$$3. \frac{5}{6} \times 3\frac{1}{4} = \frac{65}{24}$$

$$4. \frac{1}{2} \div 2\frac{2}{7} = \frac{7}{32}$$

What is homework?

What is failure?

Adding fractions

First we must get common denominator.

$$\frac{1}{2} = \frac{3}{6}$$

$$\frac{3}{2} + \frac{2}{3} =$$

$$\frac{3}{6} + \frac{4}{6} = \frac{3+4}{6} = \frac{7}{6}$$

Subtracting fractions

First we must get common Denominator.

$$\frac{3}{4} - 2\frac{5}{6} =$$

$$\frac{6}{6} \cdot \frac{3}{4} - \frac{17}{6} =$$

$$\frac{18}{24} - \frac{68}{24} = \frac{-50}{24} \div 2 = \frac{-25}{12}$$

Homework

Adding and Subtracting

Fractions Packet

$$\begin{array}{r} 26 \frac{1}{2} \cdot \frac{8}{8} \quad \frac{8}{16} \\ - 13 \frac{3}{16} \\ \hline 13 \frac{5}{16} \end{array}$$

$$\begin{array}{r} \frac{2 \cdot 2}{3 \cdot 2} \\ + \frac{2}{6} \\ \hline \end{array} + \frac{2}{6}$$

$$1 \frac{6}{6} = 1$$

$$\begin{array}{r} 4.3 \\ \frac{4.3}{5.3} \\ + \frac{2.5}{3.5} \end{array}$$