

## Math 9 Section 3.3 – Multiplying/Dividing Rational Numbers

Homework: Section 3.4 on Pg. 113; #1-7half, 8, 10, 11

Draw a picture that shows:  $\frac{2}{3} \times \frac{1}{4}$  then use it to get the answer

Draw a picture that shows:  $\frac{2}{5} \times \frac{3}{4}$  then use it to get the answer

When multiplying two fractions, you multiply the \_\_\_\_\_ together  
and the \_\_\_\_\_ together to get the answer.

$$-\frac{2}{9} \times \frac{3}{4} =$$

$$-\frac{5}{12} \times -\frac{8}{15} =$$

This only works if the fractions are both in \_\_\_\_\_ form.

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

When dividing two fractions, you take the \_\_\_\_\_ of the second Fraction (you \_\_\_\_\_ it), then change the division sign to \_\_\_\_\_.

$$\frac{7}{5} \div \frac{14}{15} =$$

$$1.6 \div -\frac{5}{4} =$$

$$-\frac{9}{7} \div -3 =$$

$$-1\frac{1}{6} \div 2\frac{5}{8} =$$