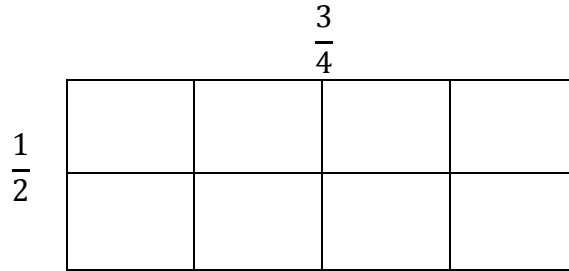


Name: \_\_\_\_\_

Date: \_\_\_\_\_

### Multiplying and Dividing Fractions Guided Video Notes

1) Use the model to show  $\frac{1}{2} \times \frac{3}{4} =$



2) What do you need to do to mixed numbers before you multiply? \_\_\_\_\_

3) Multiply. Use cross canceling if possible. Simplify all answers.

$$\frac{2}{3} \times \frac{1}{8} =$$

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

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

$$\frac{1}{7} \times \frac{3}{5} =$$

4) Multiply. Use estimation to check your answers. Show all work and simplify if possible.

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

$$3\frac{2}{3} \times 2\frac{1}{5} =$$

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

Estimate:

Estimate:

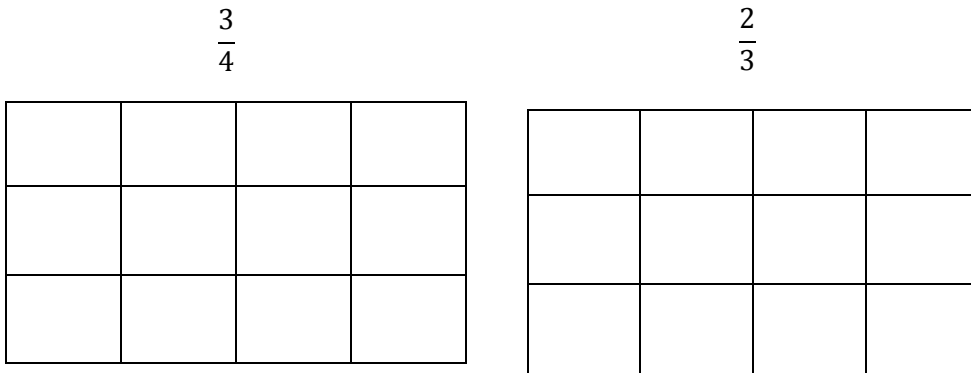
Estimate:

5) Use the model to show  $\frac{2}{3} \div \frac{1}{9} =$  View the example on the video again if necessary.



Check your answer by using the 'flip' method.

6) Use the model to show  $\frac{3}{4} \div \frac{2}{3} =$  View the example on the video again if necessary.



Check your answer by using the 'flip' method.

7) How did I have my students demonstrate dividing fractions?

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8) Divide using the 'flip' method. Show all work and simplify if possible.

$$\frac{2}{3} \div \frac{1}{8} =$$

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

$$\frac{3}{4} \div \frac{2}{9} =$$

$$\frac{1}{7} \div \frac{3}{5} =$$

9) Divide using the 'flip' method. Show all work and simplify if possible.

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

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

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

10) In my video did I find common denominators when multiplying or dividing fractions? \_\_\_\_\_