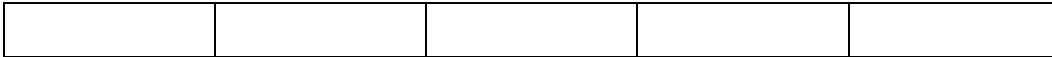


Lesson 7: The Relationship Between Visual Fraction Models and Equations

Classwork

Example 1

$$\frac{3}{4} \div \frac{2}{5}$$



Shade 2 of the 5 sections $\left(\frac{2}{5}\right)$.

Label the part that is known $\left(\frac{3}{4}\right)$.

Make notes below on the math sentences needed to solve the problem.

Example 2

$$\frac{1}{4} \div \frac{2}{3}$$

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Show the number sentences below.

Example 3

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

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Show the number sentences below.

Lesson Summary

Connecting models of fraction division to multiplication through the use of reciprocals helps in understanding the “invert and multiply” rule.

Problem Set

1. Draw a model that shows $\frac{2}{5} \div \frac{1}{3}$. Find the answer as well.
2. Draw a model that shows $\frac{3}{4} \div \frac{1}{2}$. Find the answer as well.