

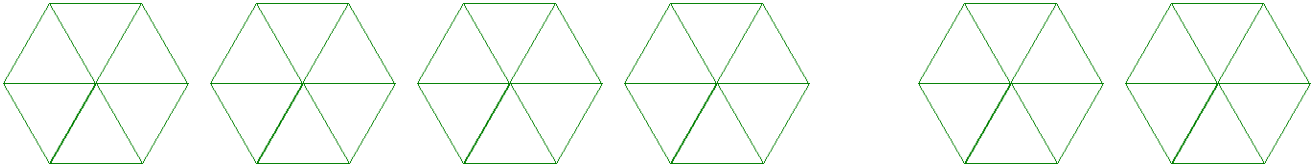
Name: _____

Date: _____

Learning Goal 2.2 I can multiply and divide fractions.

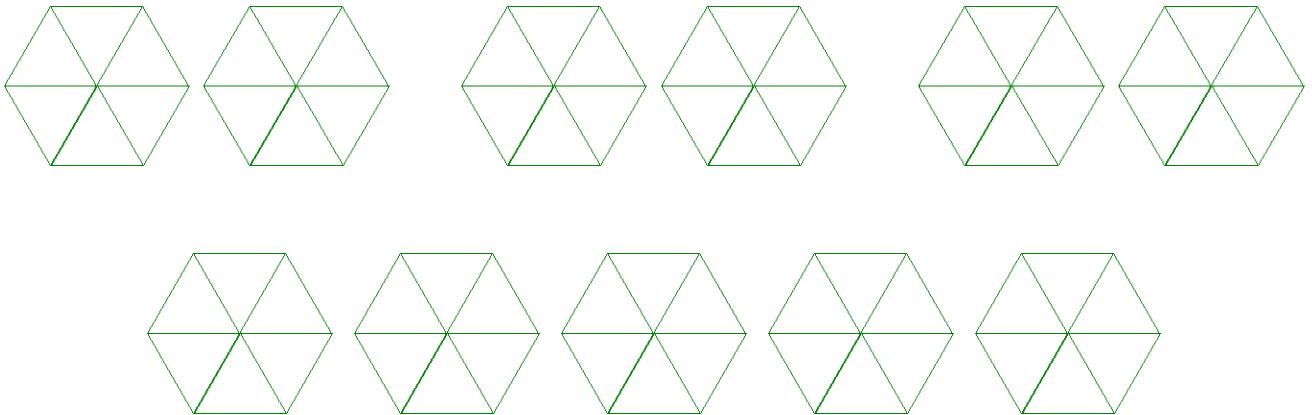
Consider the product

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



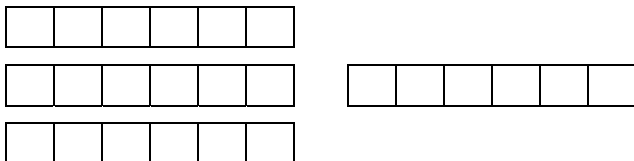
Again!

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

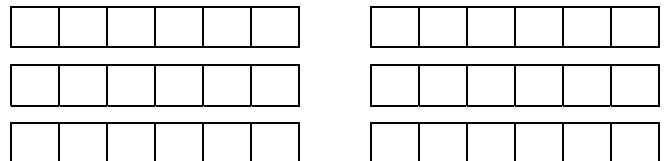


Twice more!

$$3 \times \frac{1}{6}$$



$$3 \times \frac{5}{6}$$



Again ... but with a different model!

$$6 \times \frac{2}{3}$$



$$3 \times \frac{6}{5}$$



Multiplying a Fraction and Whole Number

Example Calculate the following products.

a. $4 \times \frac{5}{7}$

b. $\frac{1}{3} \times 12$

c. $\frac{7}{3}$ of 9

d. 9 of $\frac{5}{9}$

Example A spider has eight legs. An ant has $\frac{3}{4}$ as many legs as a spider. How many legs does an ant have?

Example Jenny is making a recipe that calls for six scoops of flour. She wants to make only $\frac{2}{3}$ of the recipe. How many scoops will she need to use?