

Multiplying Fractions by a

Whole Number

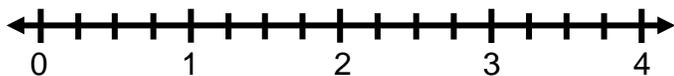
Name _____

Vocabulary

Commutative
Property of
Multiplication:

In this activity, you will find the product of a fraction and a fraction.

1. If you have three copies of $\frac{3}{4}$, where do you think that value will lie on the number line? Explain your reasoning. Use the number line below to show your answer.



2. Sally claims that $3 \times \frac{5}{6}$ is $\frac{15}{18}$. Is she correct? Explain why or why not.

Multiplying Fractions by a

Whole Number

Name _____

3. Find a fraction so that the product of 6 and the fraction is larger than 6. Find another fraction so the product is smaller than 6. Make a general rule about the size of a product if one of the factors is 6.

4.  Joshua says that 4 copies of $\frac{7}{6}$ is less than 7 copies of $\frac{4}{6}$. Is

Joshua correct? Explain your reasoning.
