What is a Fraction?

Name _____

Vocabulary

fraction:

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numerator:

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denominator:

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unit fraction:

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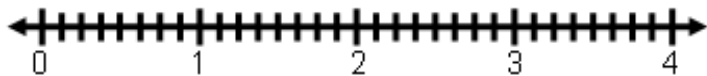
In this activity, you will use a number line to explore fractions.

1. $\frac{1}{D}$ is a unit fraction. If you have two different unit fractions, how can you tell which fraction is greater?

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2. Think about making copies of the unit fraction $\frac{1}{8}$ on a number line. Where would $\frac{4}{8}$ be located? Draw a point on the number line to show $\frac{4}{8}$. Use the interactive model to check your answer.

3. How many copies of $\frac{1}{2}$ are between 0 and 2 on a number line?

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4. ◎ A fraction is located between 2 and 3 on a number line. If the denominator of the fraction is 3 and the numerator is greater than 3, which numbers could be the numerator? Explain your answer.

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