Fraction Sorter

Prior knowledge: Students should understand how to represent fractions using visuals and numbers. This is an excellent lesson to introduce after [Single Fraction Finder](http://www.shodor.org/interactivate/activities/SingleFractionFinder/).

Directions: Use <http://www.shodor.org/interactivate/activities/FractionSorter/> to complete the following record sheet. Then answer the discussion questions in complete sentences.

Use Circles and select the 2 fraction option. Record the visuals that you shaded and the fraction number on the number line.

Least Greatest

0

Use Squares and select the 2 fraction option. Record the visuals that you shaded and the fraction number on the number line.

Least Greatest

0

Continue practicing with 2 fractions until you get three correct in a row.

Change to 3 fractions using the circles and record answers from least to greatest.

0

Change to 3 fractions using the squares and record answers from least to greatest.

0

Continue practicing with 3 fractions until you get three correct in a row.

Change to 4 fractions using the circles and record answers from least to greatest.

0

Change to 4 fractions using the squares and record answers from least to greatest.

0

Continue practicing with 4 fractions until you get three correct in a row.

Discussion questions:

What methods can you use to order fractions without visual representation?

Look at all of the fractions that you recorded. Which fraction is the least? Which is the greatest?

Write a story problem using one of the fractions you recorded.

Describe your strategy for dividing a square to represent a fraction.

How do you find the fraction name for a shaded part of a square? Use an example and correct math vocabulary.