

Lesson Plan for KNP Activity

F 7701.5: Fraction Riddles

Teacher Planning Notes:

Task Group Number: 7701

Task Group Name: Fraction Squares

Strand: Fractions

Activity Level and Color: 5 Pink

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=7701.5&prefix=F>

Numeracy Target: Comparing fractions

[Numeracy Targets Chart](#)

Fluency Benchmark: Fractions Fluency with fractions

Kentucky Academic Standard(s): [KY.3.NF.1](#), [KY.3.NF.3](#)

Student-Friendly Learning Target: I am learning to match fraction notation to models.

Suggested Student Grouping(s): individual/partners

Materials:

Fraction Riddle Pages

Activity Description:

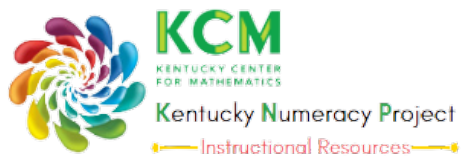
Students work individually or in partners to solve fraction riddle puzzles. In the puzzles, the student is asked to make comparisons or to match a drawing of a fraction to the symbolic form of the fraction. To reuse puzzles, place pages in a sheet protector and have students complete the puzzles using a dry-erase marker.

Teacher Notes:

Evidence of Learning (Diagnostic Assessment of Progress):

Show student the fractions $\frac{3}{6}$ and $\frac{3}{8}$ (each written with a horizontal bar). Ask student to read each fraction, then to compare the fractions. Ask student to explain his or her answer. Look for explanation that shows the student is using the fact that a sixth is "bigger" than an eighth because the whole is divided up into fewer shares. Allow student to draw during the explanation. If students draw a model for each fraction, note if the same size whole is used for both models.

KNP ID #F 7701.5



www.kymath.org
kcm@nku.edu