

Lesson Plan for KNP Activity

F 7704.5: Comparisons

Teacher Planning Notes:

Task Group Number: 7704

Task Group Name: Fraction Number Lines

Strand: Fractions

Activity Level and Color: 5 Pink

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=7704.5&prefix=F>

Numeracy Target: Comparing fractions

[Numeracy Targets Chart](#)

Fluency Benchmark: Fractions Fluency with fractions

Kentucky Academic Standard(s): [KY.3.NF.3](#), [KY.4.NF.2](#)

Student-Friendly Learning Target: I am learning to compare two fractions by thinking about a number line.

Suggested Student Grouping(s): independent or partners

Materials:

Number Line Fraction Wall, laminated empty Number Lines (1 or 2 per student), dry erase markers and/or paper clips, comparison cards (sets A and B), recording sheet (1 per student), pencil

Activity Description:

See teacher notes or the virtual demo for directions for preparing the materials.

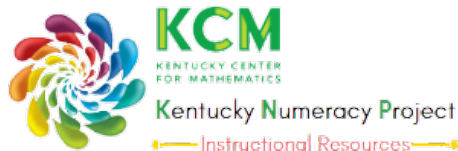
Students work in pairs. Shuffle card set A and place face-down in a stack. Get 2 laminated number lines, one fraction wall and one recording sheet per student pair. Students will turn over a card which will show two numbers. The students will use a dry-erase marker to place both numbers on a single laminated number line or place each number on its own number line. Students will compare their work to the fraction wall to be sure the numbers are placed correctly. (Extra information, such as tick marks, can be written on the number line to assist with accurate placement. Also, students may use paper clips to work out partitions of the number line.) Students will then record a comparison statement on the recording sheet, being sure to use the correct spot on the recording sheet.

Teacher Notes:

Prepare materials by printing the fraction wall, number lines and comparison cards on color paper or cardstock. Laminate the number lines and cut apart (there will be 6 per page). If preferred, laminate fraction wall and comparison cards. Print the consumable recording sheets, enough for 1 per student or student pair.

Evidence of Learning (Diagnostic Assessment of Progress):

Give student two number lines with 0 and 1 only labeled. Ask student to locate $\frac{3}{8}$ on the number line. Next, ask the student to locate $\frac{3}{4}$ on the number line. Ask student to write a comparison statement using $\frac{3}{8}$ and $\frac{3}{4}$.

KNP ID #F 7704.5

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