

Lesson Plan for KNP Activity

M 4436.6: Equal or Not?

Teacher Planning Notes:

Task Group Number: 4436

Task Group Name: Cups Game

Strand: Multiplication and Division

Activity Level and Color: 6 Orange

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=4436.6&prefix=M>

Numeracy Target: Extend and refine strategies for multiplication and division

[Numeracy Targets Chart](#)

Fluency Benchmark: KY.3.OA.7 Fluently multiply and divide within 100.

Kentucky Academic Standard(s): [KY.3.OA.5](#)

Student-Friendly Learning Target: I am learning to compare multiplication expressions.

Suggested Student Grouping(s): Partners

Materials:

writing space

Activity Description:

Partners will play "Equal or Not?" by writing an equation with three factors on each side and asking the other to decide if it's true. A true statement will be indicated by making a check mark underneath and a false statement will be indicated by putting a slash mark through the equal sign. Each time a player answers accurately (and explains the thinking) a point is earned. Play continues until each partner has taken five turns.

Teacher Notes:

In order to support algebraic reasoning, have students make and justify a prediction before performing the multiplication.

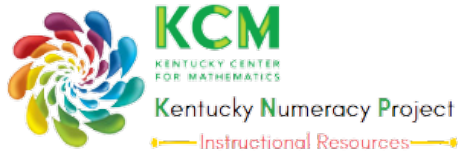
Evidence of Learning (Diagnostic Assessment of Progress):

Give the student an equation with several factors on each side and ask if the statement is true.

For example:

- $4 \times 5 \times 2 = 5 \times 4 \times 2$
- $3 \times 8 \times 2 = 12 \times 2 \times 2$
- $4 \times 10 \times 2 = 4 \times 5 \times 2$

KNP ID #M 4436.6



www.kymath.org
kcm@nku.edu