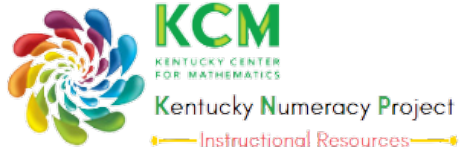


Lesson Plan for KNP Activity

M 4436.5: Cups Game

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|---|---|
| Teacher Planning Notes: | |
| Task Group Number: 4436 | Task Group Name: Cups Game |
| Strand: Multiplication and Division | Activity Level and Color: 5 Pink |
| KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=4436.5&prefix=M | |
| Numeracy Target: Multiply and divide within 100 using a range of strategies Numeracy Targets Chart | |
| Fluency Benchmark: KY.3.OA.7 Fluently multiply and divide within 100. | |
| Kentucky Academic Standard(s): KY.3.OA.8 | |
| Student-Friendly Learning Target: I am learning to find the missing factor, given the other factor and the product. | |
| Suggested Student Grouping(s): Partners | |
| Materials: numeral cards 1 to 12; ten-sided numeral die with numerals 0 to 9; writing space | |
| Activity Description: Player A will take a card without showing it to player B. Player A will then roll the numeral die without showing it to player B. Player A will then tell the product, but keep secret either the number of groups or the number in each group. Player A will write the equations with \"n\" in place of the secret number. If player B is able to tell the missing factor, s/he will write $n = 4$ (or whatever is accurate). Each player will take four turns and the winner of the game is the player who has the highest total of the value of all 4 \"n\" values. | |
| Teacher Notes: | |
| Evidence of Learning (Diagnostic Assessment of Progress): \"Write this equation and ask the student to find the missing factor: $4 \times n = 8$. Present additional equations, such as: $n \times 8 = 16$ $5 \times n = 15$ $7 \times n = 21$ $n \times 6 = 18$ \" | |



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