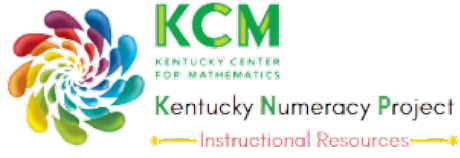


Lesson Plan for KNP Activity

M 4443.5: Array Word Problems PowerPoint

Teacher Planning Notes:	
Task Group Number: 4443	Task Group Name: Multiplication and Arrays PowerPoint
Strand: Multiplication and Division	Activity Level and Color: 5 Pink
KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=4443.5&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.3	
Student-Friendly Learning Target: I am learning to solve word problems about arrays and equal groups and write the matching multiplication and/or division sentence.	
Suggested Student Grouping(s): whole class	
Materials: M 4443.5 PowerPoint	
Activity Description: Facilitate student discussion about the word problems in the M4443.5 Power Point. These can be thought of as division or missing factor. Many of the problems have a supporting image that can be uncovered to support discussion. All quotients will be whole numbers. Prompt students to describe or, if needed, draw an array or diagram to match the picture. Look for efficient strategies for solving, such as using known facts or skip counting sequences. Ask students to write a corresponding multiplication or division equation, using a symbol for the unknown.	
Teacher Notes:	
Evidence of Learning (Diagnostic Assessment of Progress): Say "Mrs. Green has 24 desks. If she places them so that 4 are in each row, how many rows will she have?"	



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