

Lesson Plan for KNP Activity

A 3305.5: How Many?

Teacher Planning Notes:

Task Group Number: 3305

Task Group Name: How Many?

Strand: Addition and Subtraction

Activity Level and Color: 5 Pink

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=3305.5&prefix=A>

Numeracy Target: Add and subtract using a range of composite strategies

[Numeracy Targets Chart](#)

Fluency Benchmark: KY.2.OA.2 Fluently add and subtract within 20.

Kentucky Academic Standard(s): [KY.1.OA.1](#), [KY.1.OA.2](#), [KY.1.OA.8](#)

Student-Friendly Learning Target: I am learning to use mental math to solve word problems.

Suggested Student Grouping(s): whole group, small group, partners, or independent work

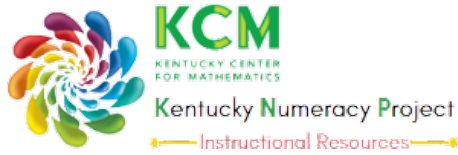
Materials: question cards, recording sheet, bead rack (optional)

Activity Description: Students will draw a question card, solve for the missing quantity, record on their recording sheet, and explain their thinking. Students can use a bead rack for support or to check their answer.

Teacher Notes: In this activity, students will solve word problems with missing values in all positions. Many types of computational situations are represented in this activity. Students should have a variety of strategies to use to solve problems in an efficient way. Rather than telling students how to get an answer or having them use key words, which can be unreliable and limit thinking, students should be thinking about the underlying structure of the quantities in the problem/situation. Take note of the types of strategies students use. Are students able to use multiple strategies, based on what makes sense to them? As you encourage students to use their own strategies, also urge them to think about which strategies are the most efficient, based on the numbers involved. *To make the activity self-checking, include an answer sheet in the folder where students can check each answer according to the number on the question card.

Evidence of Learning (Diagnostic Assessment of Progress): Show student a question card from activity or similar type of question written on a white board or card and ask student to solve. Ask student to explain their strategy.

KNP ID #A 3305.5



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