KNP ID # M 4448.4, Purple Fluency Benchmark: KY.3.OA.7

Task Group: Tiling Rectangles

Kentucky Academic Standard(s): KY.3.MD.7, KY.3.OA.5, KY.3.OA.7

Numeracy Target: Multiply and divide within 100 using counting strategies

Tiling with Number

I am learning to combine two rectangles to make a larger rectangle and find the total tiles needed to cover each part and the larger rectangle.

Materials:

Rectangle Cards, 1 recording sheet per player

Directions:

- 1. Place all rectangle cards face down in a pile.
- 2. With a partner take turns selecting a rectangle card without looking. Each player should place their rectangle cards face up in front of them.
- 3. When you have two cards that can go together to make a larger rectangle, place them together and find the total number of tiles needed to cover both parts.
- 4. Write the facts for each match on your recording sheet. The "larger rectangle" is not a separate piece just a composite of the two smaller rectangles.
- 5. When all the cards are gone, the player with the most 2-piece rectangles wins.



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