A Right About Rectangular Areas

Name_____ Date_____

Use the formula: **Area = length x width (A = l x w)** to find areas as needed.

1. A table top Celine calculated the area for the lunch table to 48 ft². One side of her desk measured 6 feet long and she forgot the width. What was the length and how do you know?	**2. A container top** Trevor's container top measured 18 cm by 24 cm and his calculated area was 243 cm². Milo knew right away the answer was incorrect, due to a simple multiplication rule. What did Milo know?
3. A memory card Jackson calculated a memory card's area to be 15 cm². Ms. Halcyon, the math teacher, reminded him that the card's length and width both had even lengths, but his answer was close: within 4 cm². Describe potential dimensions for the memory card and explain your reasoning.	**4. A floor** Two rugs covered a floor with an area of 24 in. by 48 in. If both rugs had the same length and width, what are their dimensions?

5. What Do You Think?

What would change if you used a different shape other than a square to calculate area for a rectangular figure?