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## Comparing Fractions with Different Denominators

### *Word Problems*

(4.NF.2)

**Directions:** Solve the following word problem using numbers, pictures (model drawings), and words. 😊

Your friend baked two pans of lasagna, the first was a 7 x 11 sized pan and the second was a 9 x 13 sized pan. The first pan had  $\frac{1}{2}$  left. The second pan had  $\frac{2}{4}$  left. Using the models below, explain whether or not the amounts left can be compared.

First Lasagna Pan (7 x 11)

|  |
|--|
|  |
|  |

Second Lasagna Pan (9 x 13)

|  |  |
|--|--|
|  |  |
|  |  |

Explain your thinking here:



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**Answer:**

The amounts left in each pan cannot be compared because the size of the pans were different. Comparisons are only valid when the two fractions refer to the same whole amount.