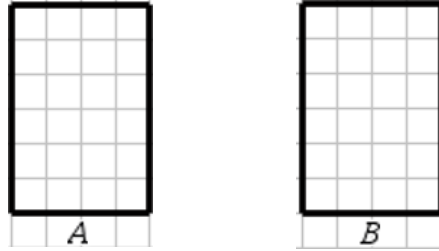


Possible Solutions

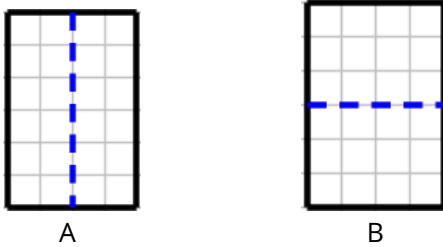
Rectangle A is congruent to Rectangle B.

- Draw segments in the rectangles that will divide the rectangles into shapes that have the equal areas, but are not the same exact shape.
- Explain how you know the areas are equal.
- Express the area of each part as a unit fraction of the whole rectangle.

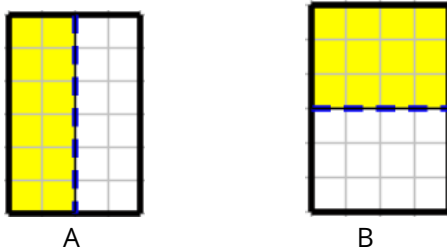


Both rectangles have 48 unit squares.

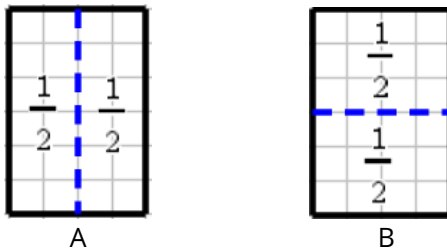
First, divide each rectangle into the same number of equal parts, but they can't be the same shape. The easiest thing would be two parts for each.



12 unit squares on each side of the dotted lines in both A and B.



They have the same area, but they are not the same shape. One rectangle has 6 rows of 2 and the other rectangle has 3 rows of 4.



Each section of rectangle A is $\frac{1}{2}$ of rectangle A, and each section of rectangle B is $\frac{1}{2}$ of rectangle B.