
Area Measurement Balanced Pre-Assessment Station 1

Mr. Lopez made some pans of brownies. Use the descriptions to draw lines that show how the pans of brownies can be decomposed.

- 1.** Decompose the pan of brownies into four equal parts.



- 2.** Decompose the pan of brownies into four equal parts in a different way.



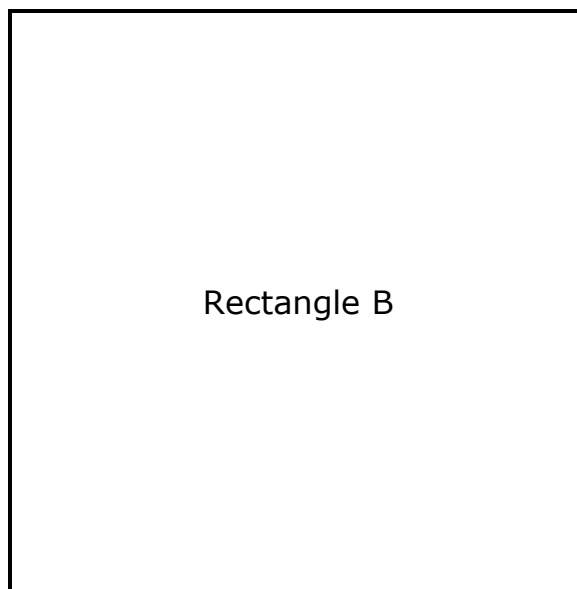
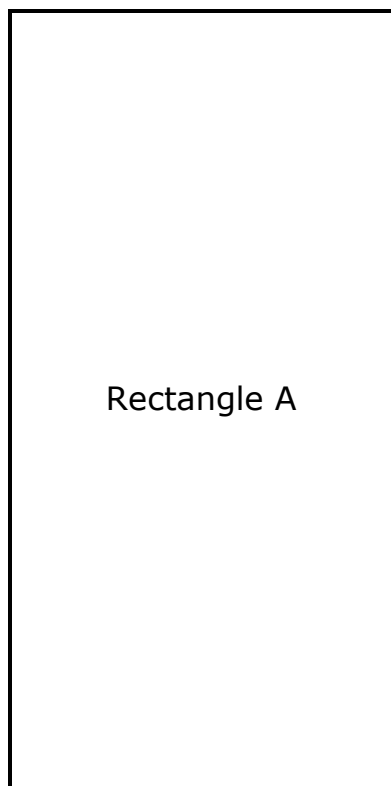
- 3.** Decompose the pan of brownies so that one person receives a piece that is a shaped like a square and the other person receives a piece that is not shaped like a square.



Area Measurement Balanced Pre-Assessment Station 2



Determine the area of each rectangle using inch tiles.

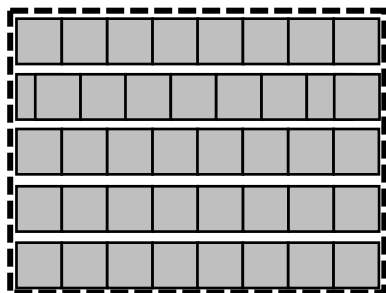


1. Rectangle A has an area of _____ square inches.
2. Rectangle B has an area of _____ square inches.
3. Explain how you determined the area of Rectangle A.

Area Measurement Balanced Pre-Assessment Station 3

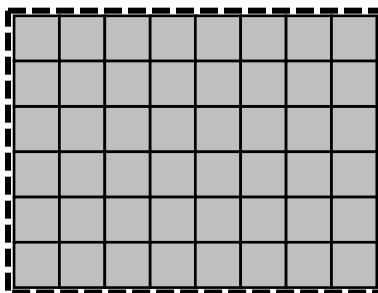
Three students used square tiles to determine the area of a rectangle.

Student A



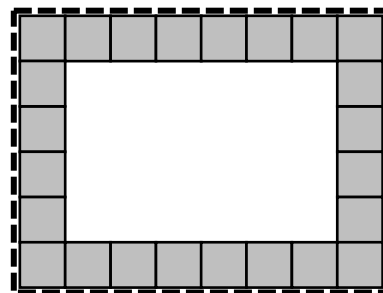
41 square units

Student B



48 square units

Student C



24 square units

 1 square unit

1. Which student determined the area of the rectangle correctly? How do you know?
2. Explain how to correct one of the incorrect solutions.