

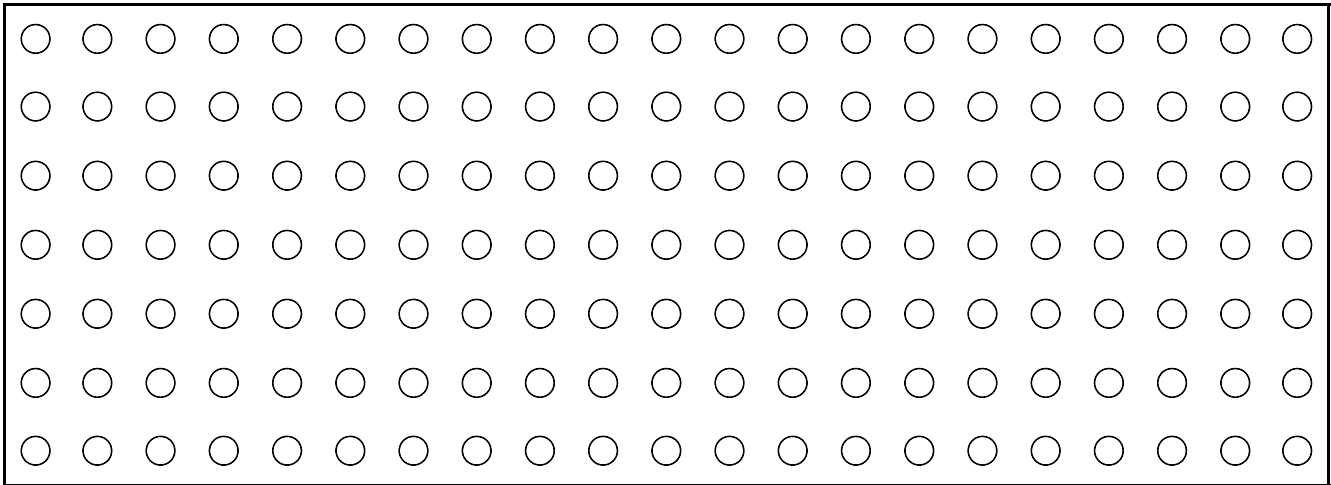


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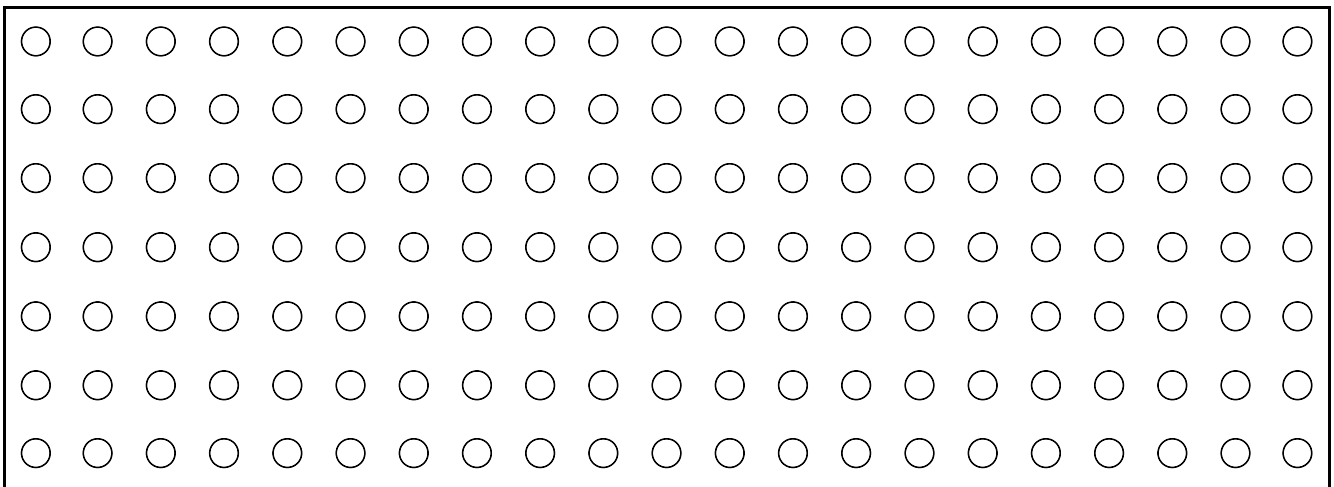
Math Lab #16—Area



1. Each Lego piece is one square unit. Make a rectangle with an area of 18 square units on your base plate. Draw the outline of your rectangle on the base plate below.



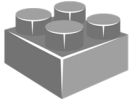
2. Each Lego piece is one square unit. Make a rectangle with an area of 25 square units on your base plate. Draw the outline of your rectangle on the base plate below.



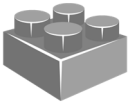
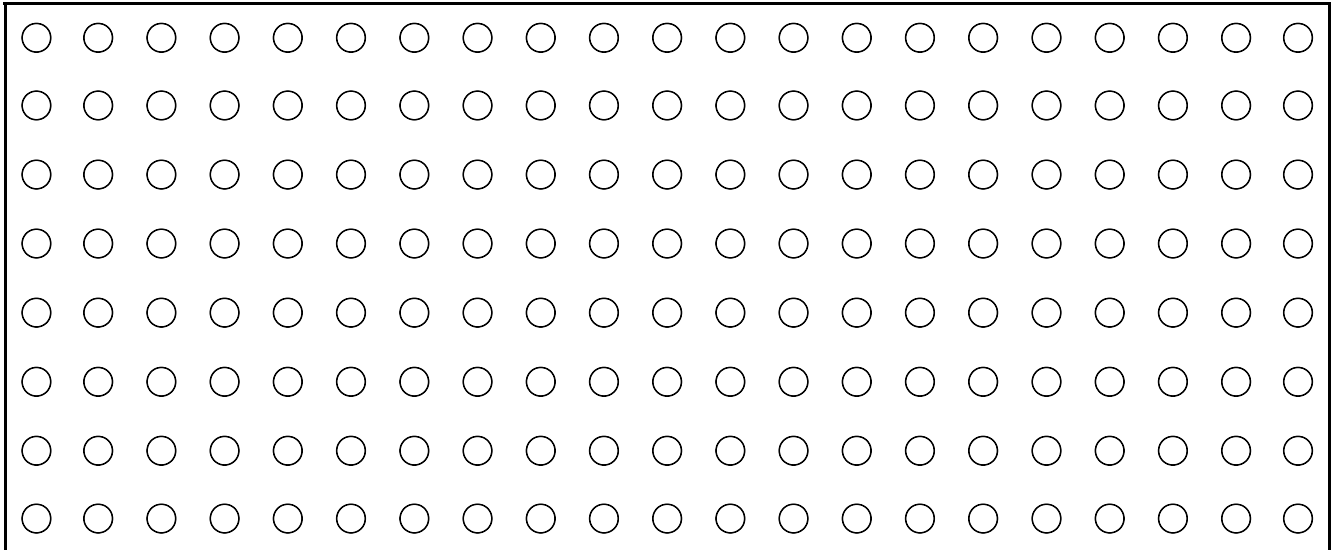


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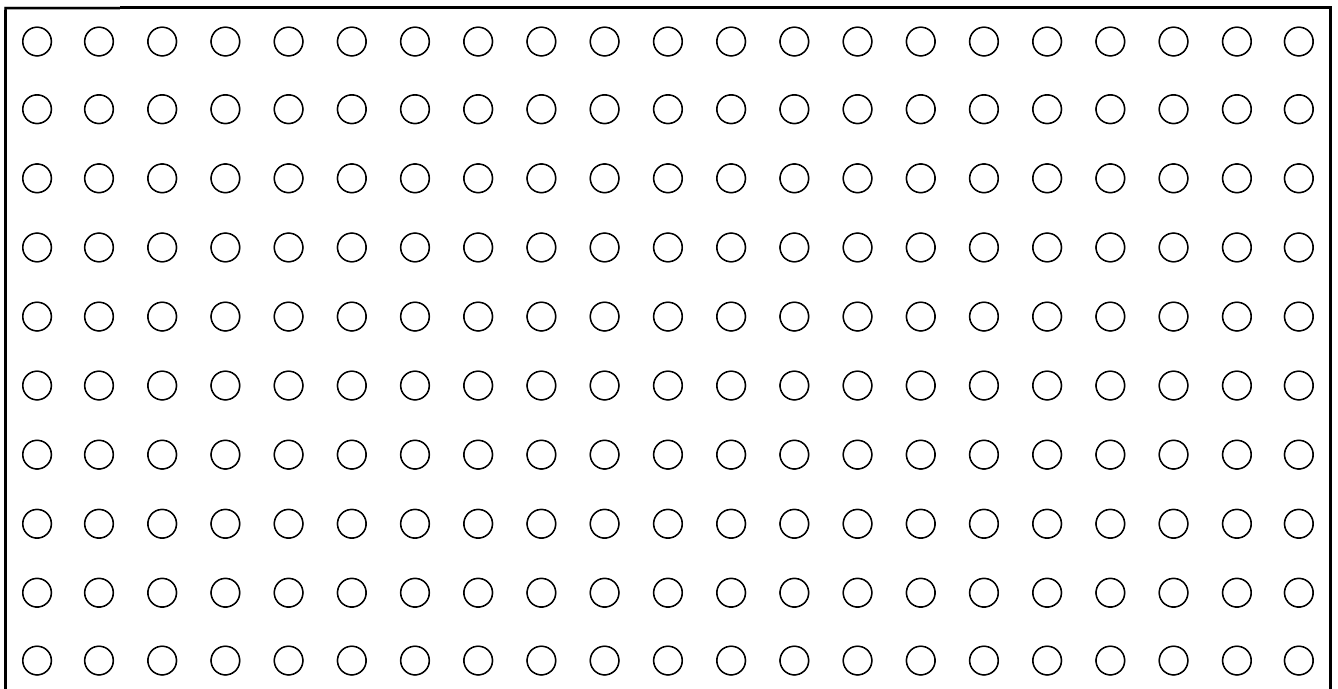
Math Lab #16—Area



3. Each Lego piece is one square unit. Make a rectangle with an area of 18 square units on your base plate. Draw the outline of your rectangle on the base plate below.



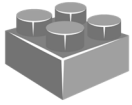
4. Each Lego piece is one square unit. Make a rectangle with an area of 25 square units on your base plate. Draw the outline of your rectangle on the base plate below.



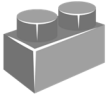


Name: _____

Math Lab #16—Area

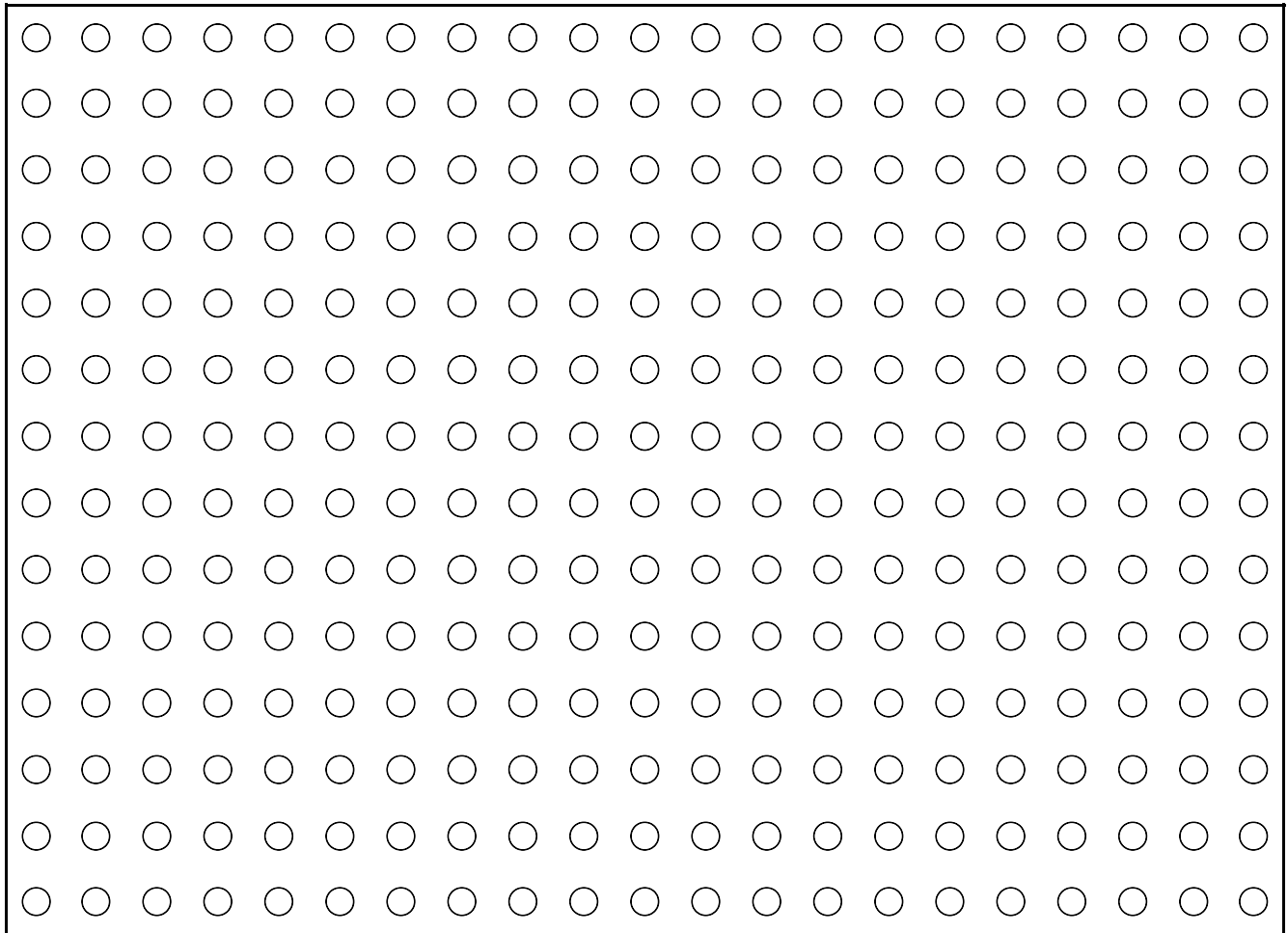


5. Each Lego piece is one square unit. Use the pieces to make two different rectangles with an area of 12 square units on your base plate.



Each piece is a perimeter unit. Build a perimeter around the rectangles you created.

Draw your rectangles and the perimeter on the base plate below.





Name: _____

Math Lab #16—Area

QUESTIONS

Look at the rectangle drawings you made for numbers 1 and 3. They were both made with 18 blocks. Do they have the same area? Write your answer and explain your reasoning.

Look at the rectangles you drew for number 5. Write the equation for the area for both rectangles. Write the equation to find the perimeter for each rectangle.

rectangle a: area = _____ × _____ = _____

perimeter = _____ + _____ + _____ + _____ = _____

rectangle b: area = _____ × _____ = _____

perimeter = _____ + _____ + _____ + _____ = _____

Both rectangles have an area of 12 square units. Do they have the same perimeter?
