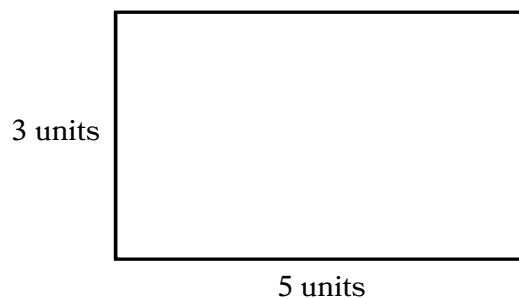




Name _____

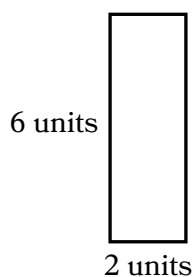
Date _____

1. A rectangle with a length of 5 units and a width of 3 units is shown.



- Draw lines to partition the rectangle to show unit squares.
- _____ squares with side lengths of 1 unit are needed to cover the rectangle.
- How many square tiles with side lengths of $\frac{1}{2}$ unit are needed to cover the rectangle?

-
2. It takes 48 square tiles with side lengths of $\frac{1}{2}$ unit to cover the rectangle shown.

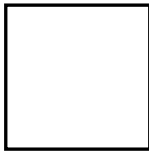


- Kayla says that it would take more than 48 square tiles with a side length of $\frac{1}{3}$ unit to cover the rectangle. Do you agree? Explain.
- How many tiles does it take?

3. What is the total area that can be covered with 100 squares like the ones shown in parts (a) and (b)?

a.

$\frac{1}{4}$ foot

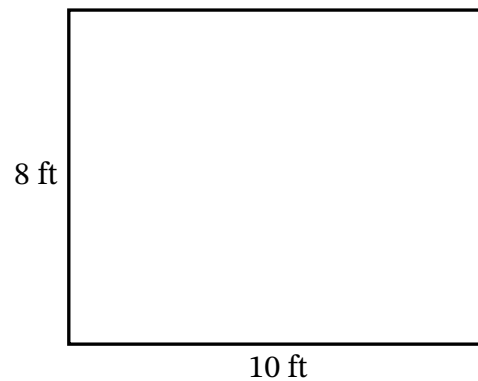


b.

$\frac{1}{3}$ foot



-
4. The rectangle shown represents the measurements of a laundry room.



- a. How many square tiles with a side length of 1 foot are needed to cover the laundry room floor?
- b. How many square tiles with a side length of $\frac{1}{2}$ foot are needed to cover the laundry room floor?