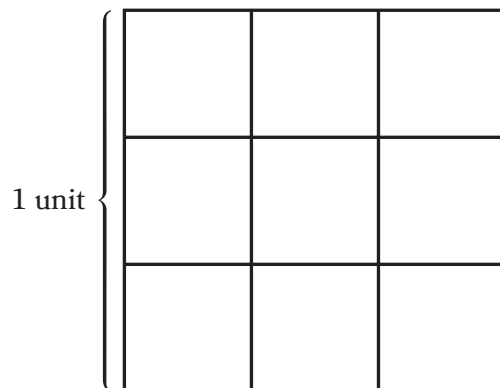




Name _____



Date _____

1. Use the picture of the unit square to complete parts (a) and (b).



- a. _____ square tiles are used to partition the unit square into ninths.
- b. Each square tile has a side length of _____ unit.

2. Draw a line to match each square tile to the picture that shows 1 square unit covered with that tile.

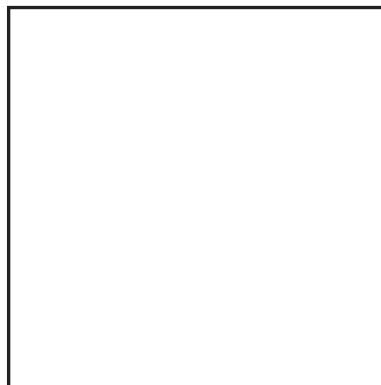
Square Tile
$\frac{1}{5}$ unit 
$\frac{1}{6}$ unit 

1 Square Unit
$\left\{ \begin{array}{ c c c c c c } \hline & & & & & \\ \hline & & & & & \\ \hline & & & & & \\ \hline & & & & & \\ \hline & & & & & \\ \hline & & & & & \\ \hline \end{array} \right.$
$\left\{ \begin{array}{ c c c c c } \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline & & & & \\ \hline \end{array} \right.$

3. Use the picture of the square tile and the unit square to answer parts (a) and (b).

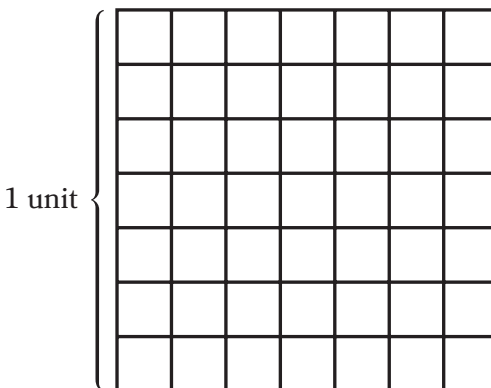
$\frac{1}{10}$ unit 

1 unit



- a. _____ square tiles with side lengths of $\frac{1}{10}$ unit are needed to tile the unit square.
- b. What is the area of one square with side lengths of $\frac{1}{10}$ unit?

-
4. Use the picture of the unit square to answer parts (a) and (b).



- a. 49 squares with side lengths of _____ unit are needed to tile a unit square.
- b. What is the area of one of the square tiles used to cover this 1 square unit?

