

Connecting Multiplication Models

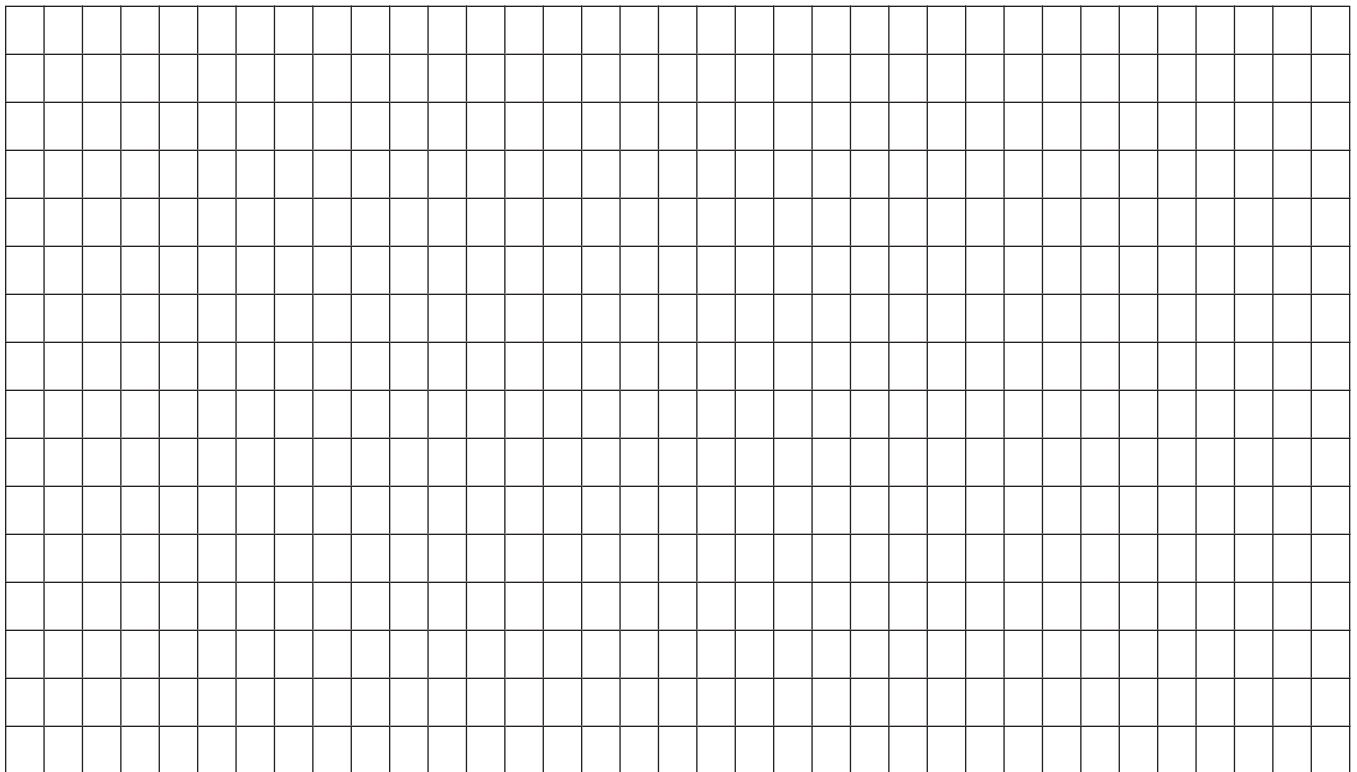
Do these activities with a partner.

1. Multiply on your paper:

$$\begin{array}{r} 14 \\ \times 6 \\ \hline \end{array}$$

2. Using only the base ten blocks, model 14×6 . Draw a picture of that model. Record your process with numbers. Drawing:

3. Now imagine that you have a room in your house that is $14' \times 6'$. Draw this room on the grid paper. Label the sides of the room. How many tiles (represented by the small squares) will fit on the floor of this room.



4. Discuss with your partner how the process in activity 1 relates to the models in activities 2 and 3. Record your thoughts.