

Tile Pattern Resource Page

1. Figures 0 and 4.



2. Record the number of tiles in figures 0 through 4.

3. How many tiles are in figure 100? Show your results by sketching figure 100 and show support for your findings.

4. Write an expression for the number of tiles in figure n with n being any figure number. Verify that your expression works for Figure 3.

Describe how your pattern and the other patterns presented grow differently from the linear pattern shown at the beginning?