

- 1. Compute the number of tiles in each of the first three figures.
- 2. Draw the fourth figure and compute the number of tiles in the figure.
- 3. Determine the number of tiles in the 25th figure without constructing it.
- 4. Write a rule that could be used to compute the number of tiles in any figure in the pattern and explain why it works.
- 5. Determine which figure has 109 tiles.

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