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Module 11 Transformation of Shapes

1. How many circles are in the sixth term of the sequence?

2. What is the $83^{\text {rd }}$ term of the sequence?

3. What letter is in the $157^{\text {th }}$ position of the repeating pattern?

## ROTATEROTATEROTATEROTATE...

4. The first three terms of a self-similar pattern are shown. Draw the next term.


Use the figure to create a tessellation.
5.

6.


A rectangle or hexagon is being modified into a tessellating shape. Draw the missing side. Then, copy and translate to create a tessellation.
7.

8.


