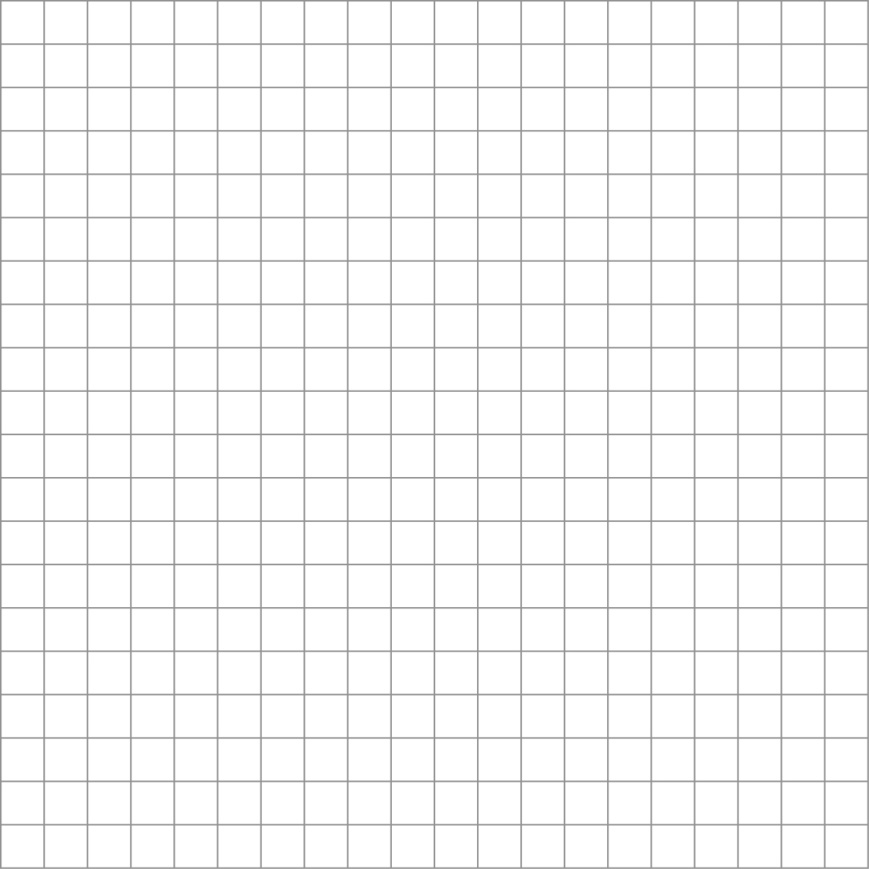
**BLM 7.PR.1: Patterns: A Process\***

Patterns

The following process flows from the concrete to the pictorial to the symbolic.

1. Construct and extend a pattern.
2. Draw a concrete/pictorial representation of the pattern.
3. Describe the pattern in your own words (using informal algebraic language).
4. Develop a chart.
5. Make predictions about the pattern.
6. Generate graphs (interpret, interpolate, extrapolate).



7. Write an algebraic equation for the pattern.

8. Predict the *n*th values.

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\* Source: Manitoba Education. “Middle Years Activities and Games.” *Mathematics.* <[www.edu.gov.mb.ca/k12/cur/math/my\_games/index.html](http://www.edu.gov.mb.ca/k12/cur/math/my_games/index.html)>.