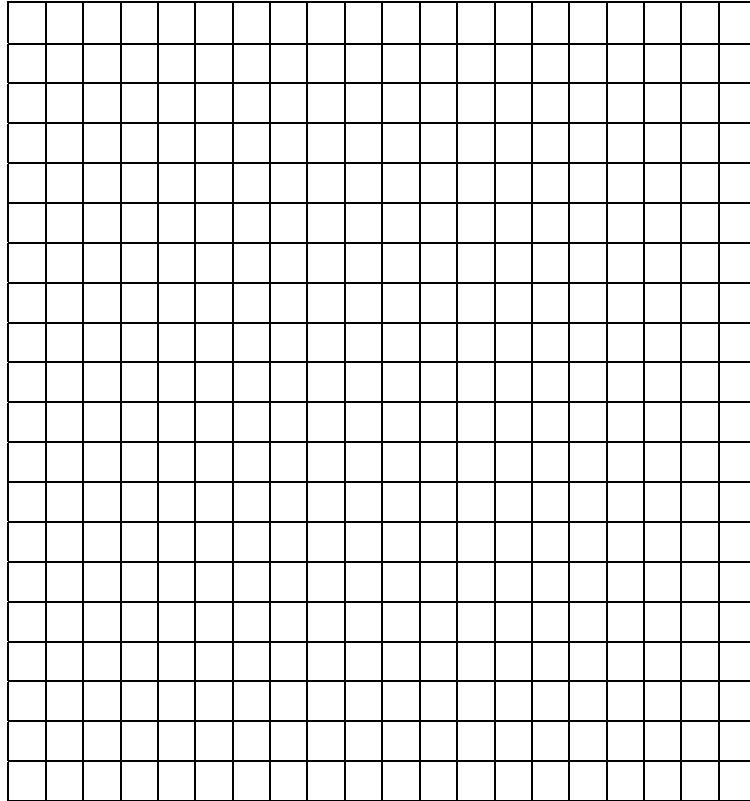


Graph



Algebraic equation: _____

“nth” value:

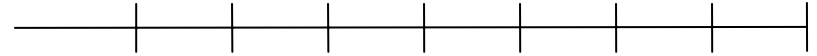
Patterns

The following process flows from the concrete to the pictorial to the symbolic. It is therefore important to “walk” students through it.

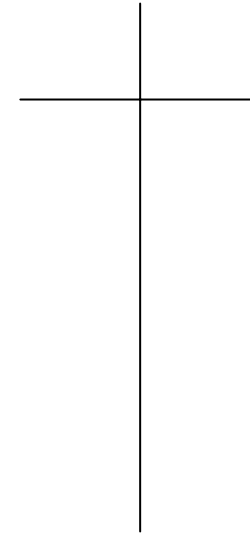
- i – Construct and extend a pattern.
- ii – Represent a pattern pictorially.
- iii – Describe the pattern (using informal algebraic language).
- iv – Develop a chart.
- v – Make predictions.
- vi – Generate graphs (interpret, interpolate, extrapolate).
- vii – Write an algebraic equation for the pattern.
- viii – Predict “nth” values.

Concrete / pictorial representation

Chart



or



Predictions

Describe the pattern in your own words.
