Activity 1 Assessment
Representing Patterns

Representing Patterns

Represents patterns in different forms

Term number	Term value
0	1
1	3
2	5
3	7
4	9
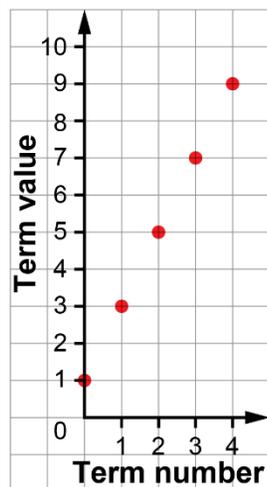
Describes the pattern rule in relation to the term number orally and in written form

For this pattern, I can discover the number of tiles in any term by multiplying the term number by 2, then adding 1.

Determines whether a pattern is linear and explains how they know

For my pattern, every time the term number increases by 1, the term value increases by 2. This means the relationship is linear. When I look at the graph, all the points lie along a straight line.

Uses the relationship between term numbers and term values to solve problems

To determine the number of tiles in a particular term, I multiply the term number by 2, then add 1. So, Term 8 will have 2 × 8 + 1 = 17 tiles

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Observations/Documentation			