Patterning and Algebra

Master 19: Activity 7 Assessment

Increasing Patterns 2

Identifying and Reproducing Increasing Patterns Numerically Behaviours/Strategies		
1. Student identifies increasing patterns, but struggles to reproduce them concretely (is unable to build the patterns with tiles).	2. Student identifies and reproduces increasing patterns concretely, but miscounts when counting the number of tiles in each term.  "6 tiles"	3. Student identifies and reproduces increasing patterns concretely and numerically, but struggles to describe the patterns (cannot write pattern rules). Add 4 tiles"
Observations/Documentation		

4. Student identifies and reproduces increasing patterns concretely and numerically and describes the patterns, but struggles to predict the number of tiles in the next term. "How do I know how many tiles are in the next term?"	5. Student identifies increasing patterns numerically and describes the patterns, but does not see the relation to skip-counting or repeated addition. "5, 9, 13 I don't see how this is like adding or skip-counting."	6. Student successfully identifies and reproduces increasing patterns pictorially and numerically and describes the patterns. "5, 9, 13 Start at 5. Add 4 each time. This is like skip-counting by 4s from 5."
Observations/Documentation		