

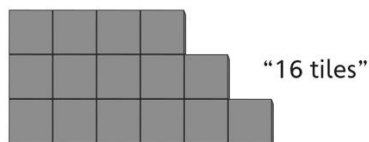
Master 21: Activity 8 Assessment

Decreasing Patterns

Identifying and Reproducing Decreasing Patterns Behaviours/Strategies

1. Student identifies decreasing patterns, but struggles to reproduce them concretely (is unable to build the patterns with tiles).

2. Student identifies and reproduces decreasing patterns concretely, but miscounts when counting the number of tiles in each term.



3. Student identifies and reproduces decreasing patterns concretely and numerically, but struggles to describe the patterns (cannot write pattern rules).

“Take away 3 tiles”

Observations/Documentation

4. Student identifies and reproduces decreasing 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 decreasing patterns numerically and describes the patterns, but does not see the relation to skip-counting backward or repeated subtraction.

“10, 8, 6
I don’t see how this is like subtracting or skip-counting.”

6. Student successfully identifies and reproduces decreasing patterns concretely, pictorially, and numerically and describes the patterns.

“10, 8, 6
Start at 10. Take away 2 each time.
This is like skip-counting backward by 2s from 10.”

Observations/Documentation