

# Master 30: Activity 13 Assessment Solving Problems

## Solving Problems Involving Increasing Patterns Behaviours/Strategies

1. Student reproduces an increasing pattern concretely, but is unable to identify and explain the pattern rule.

2. Student identifies and reproduces an increasing pattern, but guesses to solve the problem (gives no thought to pattern).

"I guess 200!"

3. Student identifies and reproduces an increasing pattern, but struggles to use rule to make prediction.



"I know the rule, but I don't know what to do."

## Observations/Documentation

4. Student identifies and reproduces an increasing pattern and uses rule to make prediction, but struggles to extend the pattern to check.



5. Student identifies, reproduces, and extends an increasing pattern to solve problem, but does not use math language to explain thinking.

6. Student successfully identifies, reproduces, and extends an increasing pattern to solve problem and uses math language to explain thinking.

## Observations/Documentation