

DESCRIBE RULES FOR PATTERNS, THEN CREATE THE PATTERN.

INVESTIGATIONS OVERVIEW PAGE

THIS PAGE IS A SUMMARY OF THE INVESTIGATIONS THAT STUDENTS MAY ENGAGE IN TO DEEPEN THEIR RELATIONAL UNDERSTANDING. INVESTIGATIONS WITH INSTRUCTIONS TO STUDENTS FOLLOW ON SUBSEQUENT PAGES.

- In pairs, children record a number pattern that:
 - ▶ increases by repeatedly adding the same number
 - ▶ decreases by repeatedly subtracting the same numberThey create an informal rule to describe the way the pattern repeats. [Reflection: How can we create rules to describe how a number pattern repeats?](#)
- In pairs, children describe an informal rule for the way a number pattern repeats. They record the number pattern that follows the rule. [Reflection: How can we create a number pattern that follows a rule?](#)

Describe Rules for Patterns, Then Create the Pattern.

Record a number pattern that:

- increases by repeatedly adding the same number
- decreases by repeatedly subtracting the same number

Create an informal rule to describe the way the pattern repeats.

Reflection: How can we create rules to describe how a number pattern repeats?

Describe Rules for Patterns, Then Create the Pattern.

Describe an informal rule for the way a number pattern repeats.

Record the number pattern that follows the rule.

Reflection: How can we create a number pattern that follows a rule?