Unit 6, Lesson 3

Numerical Patterns

Let's explore numerical patterns.

Activity 1

Keep Adding 9

Andre's rule for a pattern is "start with 9, keep adding 9."

Use what you've noticed about Andre's pattern to make some predictions.

1. Complete the table with the first 10 numbers in Andre's pattern.

   What do you notice about the numbers in Andre's pattern? Make at least 2 observations to share with your partner.

keep adding 9
9

2. Choose one observation you or your partner made. Explain or show why you think it happens.

   a. What is the 12th number in Andre's pattern?

   b. What is the 15th number?

   c. What is the 25th number?

Activity 2

Add 99

Elena's rule for a pattern is "start with 99, keep adding 99."

1. Complete the table with the first 5 numbers in Elena's pattern.

   Look closely at the list of numbers. Make at least 3 observations about the numbers in the pattern.

keep adding 99
99

2. Complete the table with the next 5 numbers in Elena's pattern.

