Practice worksheet | Patterns and number rules

Explaining resulting patterns

Name: _____ Date: _____

6 practice questions

1. A constant-step pattern is $3, 7, 11$. Explain the rule and give the next number.

2. Start at 24 and subtract 5 each time. Explain the next 3 numbers.

3. A pattern starts at 2 and doubles. A child writes $2, 4, 6, 8$. Explain the mistake.

4. Separate tables each seat 4 children. Explain the totals for $1, 2$ and 3 tables.

5. The constant-step sequence is $1, 6, 11, __$. A child says 17. Explain and correct it.

6. Explain how you know stage 4 of this bead pattern has 11 beads.

