

sequences

Practice

Extend each pattern by four terms. Write an observation about the pattern.

First one is done for you

1. Rule: add 8

Pattern: 5, 13, 21, 29, 37

Observation: All terms are odd numbers

2. Rule: multiply by 2

Pattern: 3, _____, _____, _____, _____

Observation: _____

3. Rule: subtract 20

Pattern: 175, _____, _____, _____, _____

Observation: _____

Lesson 3 My Homework 429

Test Practice

9. Identify the next term in the sequence. 171, 141, 111, 81, _____

(A) 61 (B) 51 (C) 41 (D) 31