

Recursive Formulas for Arithmetic Sequences

Write the recursive formula for each arithmetic sequence.

1) 40, 37.7, 35.4, 33.1, 30.8, ...

2) 300, 374, 448, 522, 596, ...

3) 718, 796, 874, 952, ...

4) $\frac{9}{5}, \frac{17}{15}, \frac{7}{15}, -\frac{1}{5}, -\frac{13}{15}, \dots$

5) -64, -71, -78, -85, -92, ...

6) 91, 79, 67, 55, 43, ...

7) 35, 25, 15, 5, -5, ...

8) 267, 322, 377, 432, 487, ...

9) $\frac{7}{9}, \frac{23}{18}, \frac{16}{9}, \frac{41}{18}, \frac{25}{9}, \dots$

10) 105, 103.7, 102.4, 101.1, 99.8, ...
