

SM3-A HW 13-3 (Practice Sequences)

Date _____ Period _____

Determine if the sequence is arithmetic. If it is, find the 52nd term, the explicit formula, the recursive formula, and the three terms in the sequence after the last one given.

1) $-6, -10, -14, -18, \dots$

2) $6, -1, -8, -15, \dots$

3) $-1, 2, -4, 8, \dots$

4) $-3, -3, -3, -3, \dots$

5) $-30, -40, -50, -60, \dots$

6) $-14, -44, -74, -104, \dots$