

Name : _____

Arithmetic Sequence

Sheet 1

Write the arithmetic sequence using recursive formula.

1) $a_n = a_{n-1} - 55 ; a_1 = 6$

2) $a_n = a_{n-1} + 8.5 ; a_1 = 33$

3) $a_n = a_{n-1} + 82 ; a_1 = -21$

4) $a_n = a_{n-1} + \frac{1}{4} ; a_1 = 8$

5) $a_n = 150 + a_{n-1} ; a_1 = 2$

6) $a_n = a_{n-1} - 12 ; a_1 = -9$

7) $a_n = a_{n-1} + 5 ; a_1 = -\frac{1}{8}$

8) $a_n = a_{n-1} + 20 ; a_1 = 50$

9) $a_n = a_{n-1} - 36 ; a_1 = 7$

10) $a_n = a_{n-1} + 42 ; a_1 = -24.3$
