

Name : _____

Arithmetic Sequence

Sheet 3

Write the arithmetic sequence using recursive formula.

1) $a_n = a_{n-1} + \frac{2}{3}; a_1 = \frac{1}{2}$

2) $a_n = a_{n-1} + 161; a_1 = -125$

3) $a_n = a_{n-1} - 38;$

$a_1 = 51$

5) $a_n = a_{n-1} + 127$

$; a_1 = -89$

7) $a_n = a_{n-1} + 65;$

$a_1 = 163$

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9) $a_n = a_{n-1} + 152; a_1 = 56$

10) $a_n = 21 + a_{n-1}; a_1 = -15$