

Name : \_\_\_\_\_

## Arithmetic Sequence

Sheet 5

Write the arithmetic sequence using recursive formula.

1)  $a_n = a_{n-1} - 177; a_1 = -99$

2)  $a_n = 31 + a_{n-1}; a_1 = 165$

3)  $a_n = 83 + a_{n-1};$

$a_1 = 106$

5)  $a_n = a_{n-1} - \frac{7}{9};$

$a_1 = -134$

7)  $a_n = 180 + a_{n-1}$

$a_1 = 102$

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9)  $a_n = a_{n-1} + 279; a_1 = -74$

10)  $a_n = a_{n-1} + \frac{5}{8}; a_1 = 3$