Name : _____

Recursive Formula

Part A

Write the arithmetic sequence using recursive formula.

1) $a_n = a_{n-1} + 200$; $a_1 = 10$

2) $a_n = a_{n-1} + \dfrac{1}{4}$; $a_1 = \dfrac{1}{3}$

3) $a_n = a_{n-1} - 1.5$; a

$_1 = 2\sqrt{5}$

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

$= -1$

Write the recursive

7) $\dfrac{2}{3}, \dfrac{7}{6}, \dfrac{5}{3}, \dfrac{13}{6}, \dfrac{8}{3}$

2, ...

9) $-60, -53, -46, -39, -32, \ldots$

10) $3.5, 9, 14.5, 20, 25.5, \ldots$