

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

## Recursive Formula

### Part A

Write the arithmetic sequence using recursive formula.

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

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

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 formula for the arithmetic sequence.

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

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

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

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