

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

## Recursive Formula

### Part A

Write the arithmetic sequence using recursive formula.

1)  $a_n = a_{n-1} + \frac{7}{12}; a_1 = -\frac{5}{12}$

2)  $a_n = a_{n-1} - 9; a_1 = -19$

3)  $a_n = a_{n-1} + 2\sqrt{7};$

$a_1 = 2.6$

5)  $a_n = a_{n-1} + 15; a_1 = 19$

$a_1 = 19$

Write the recursive formula for the arithmetic sequence.

7) 27, 40, 53, 66, 79, ...

1, 1.4, ...

9)  $\frac{55}{4}, 13, \frac{49}{4}, \frac{23}{2}, \frac{43}{4}, \dots$

10) -49, -42, -35, -28, -21, ...

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