

## Recursive Formula

### Part A

Write the arithmetic sequence using recursive formula.

1)  $a_n = a_{n-1} + 9.1 ; a_1 = 0.1$

2)  $a_n = a_{n-1} + 50 ; a_1 = -2$

3)  $a_n = a_{n-1} - 20 ; a_1 = 15$

$a_1 = 15$

5)  $a_n = a_{n-1} - \frac{1}{5} ; a_1 = -11$

$a_1 = -11$

Write the recursive formula for the arithmetic sequence.

7)  $-4\sqrt{3}, -7\sqrt{3}, -10\sqrt{3}, \dots$

$170, \dots$

9)  $1.6, 0.8, 0, -0.8, -1.6, \dots$

10)  $\frac{2}{7}, \frac{13}{7}, \frac{24}{7}, 5, \frac{46}{7}, \dots$

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