

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

## Recursive Formula

### Part A

Write the geometric sequence using recursive formula.

1)  $a_n = a_{n-1} \cdot -5 ; a_1 = -32$

2)  $a_n = a_{n-1} \cdot 3 ; a_1 = -95$

3)  $a_n = a_{n-1} \cdot -7 ;$

$a_1 = 10.1$

5)  $a_n = a_{n-1} \cdot 6 ; a_1 = 3$

$a_1 = 3$

Write the recursive formula for the sequence.

7) 27, 189, 1323, 9261, ...

$a_1 = 27, \dots$

9)  $-\frac{7}{2}, \frac{21}{4}, -\frac{63}{8}, \frac{189}{16}, -\frac{567}{32}, \dots$

10)  $-2, -2.6, -3.38, -4.394, -5.7122, \dots$

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