

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

## Recursive Formula

Sheet 3

Write the recursive formula for each sequence.

1)  $9, 9\sqrt{7}, 63, 63\sqrt{7}, \dots$

2)  $2, 10, 37, 101, 226, \dots$

3)  $1.5, 1, 0.5, 0, -0.5, \dots$

$339.2, \dots$

5)  $5, 20, 180, 2880, \dots$

$-24, \dots$

7)  $-10, 2, 14, 26, 38, \dots$

$\frac{3}{5}, \dots$

9)  $-\frac{5}{3}, 1, -\frac{3}{5}, \frac{9}{25}, -\frac{27}{125}, \dots$

10)  $-1, -3, -9, -33, \dots$

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