

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

## Recursive Formula

Sheet 4

Write the recursive formula for each geometric sequence.

1)  $-\frac{3}{8}, -\frac{1}{2}, -\frac{2}{3}, -\frac{8}{9}, \dots$

2)  $150, -300, 600, -1200, \dots$

3)  $-2, 38, -722, 14444, \dots$

4)  $91.6, 2624.4, \dots$

5)  $-18, -72, -288, \dots$

6)  $430, 7290, \dots$

7)  $6, 78, 1014, 13584, \dots$

8)  $\frac{1}{540}, \dots$

9)  $-0.2, 1, -5, 25, -125, \dots$

10)  $25, 25\sqrt{2}, 50, 50\sqrt{2}, \dots$

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