

Name : _____

Geometric Sequence

Sheet 3

Write the geometric sequence using recursive formula.

1) $a_n = a_{n-1} \cdot -\frac{3}{2}; a_1 = -\frac{7}{2}$

2) $a_n = a_{n-1} \cdot 5; a_1 = 1.3$

3) $a_n = a_{n-1} \cdot 2; a_1 = -4$

$a_1 = -4$

5) $a_n = a_{n-1} \cdot 3; a_1 = 82$

$a_1 = 82$

7) $a_n = a_{n-1} \cdot -\frac{4}{3}; a_1 = 7$

$a_1 = 7$

9) $a_n = a_{n-1} \cdot -6; a_1 = -22$

10) $a_n = a_{n-1} \cdot 18; a_1 = 2$

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