

Recursive Formulas for Geometric Sequences

Write the geometric sequence using the recursive formula.

1) $a_n = a_{n-1} \cdot 3; a_1 = 0.7$

2) $a_n = a_{n-1} \cdot \frac{4}{9}; a_1 = \frac{3}{8}$

3) $a_n = a_{n-1} \cdot 4; a_1 = -10$

4) $a_n = a_{n-1} \cdot 6; a_1 = \sqrt{2}$

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

6) $a_n = a_{n-1} \cdot -2; a_1 = 8.7$

7) $a_n = a_{n-1} \cdot -8; a_1 = -4$

8) $a_n = a_{n-1} \cdot -\frac{2}{5}; a_1 = 3$

9) $a_n = a_{n-1} \cdot -2; a_1 = 6.6$

10) $a_n = a_{n-1} \cdot 5; a_1 = 25$
