Recursive Formulas for Geometric Sequences

Write the geometric sequence using the recursive formula.

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

2) $a_n = a_{n-1} \cdot 13$; $a_1 = -2$

3) $a_n = a_{n-1} \cdot -3$; $a_1 = 9.5$

4) $a_n = a_{n-1} \cdot 6$; $a_1 = 14$

5) $a_n = a_{n-1} \cdot -7$; $a_1 = -6$

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

7) $a_n = a_{n-1} \cdot 2$; $a_1 = 12.4$

8) $a_n = a_{n-1} \cdot \sqrt{7}$; $a_1 = 1.9$

9) $a_n = a_{n-1} \cdot 17$; $a_1 = -1$

10) $a_n = a_{n-1} \cdot 5$; $a_1 = 4$