

Name : _____ Score : _____

Teacher : _____ Date : _____

Geometric Sequences

State whether each sequence is arithmetic, geometric, or neither.

1) $a_n = 5 - 3n$

2) $a_n = 5 \cdot 3^{n-1}$

3) 3, 1, -1, -3 ...

4) $a_n = 2 \cdot 5^{n-1}$

5) 3, 10, 18, 34 ...

6) $a_n = 3 \cdot 5^{n-1}$

7) $a_n = 4 - 2n$

8) 2, 6, 8, 18 ...

9) 2, 6, 10, 14 ...

10) $a_n = 7 - 6^n$

11) 1, 3, 4, 5 ...

12) 4, 24, 144, 864 ...

