

Name: _____

Date: _____

Extra Practice (5.10)

State whether each sequence is *arithmetic*, *geometric*, or *neither*. If it is arithmetic or geometric, state the common difference or ratio and write the next three terms of the sequence.

1) 4,12,20,28,36,...

2) $1, 1\frac{1}{3}, 1\frac{2}{3}, 2, 2\frac{1}{3}, \dots$

3) 3,-9,27,-81,243,...

4) 10,11,13,16,20,...

5) 4,-1,-6,-11,-16

6) 1,0.5,0.25,0.125,0.0625,...

7) 1,0,2,0,3,...

8) $6, 2, \frac{2}{3}, \frac{2}{9}, \frac{2}{27}, \dots$

9) -23,-12,-1,10,21,...