

Name: _____ Date: _____

Arithmetic Progressions

Q1. Write the first three terms in each of the sequences defined by the following:

a. $a_n = 4n + 1$

b. $a_n = n^3 + 2$

Q2. Write the first two terms of the sequence defined by $a_n = (-2)^{n-1} \cdot 3^n$

Q3. What is 15th term of the sequence defined by $a_n = 2n(n-2)/(n+3)$