Do the following for each sequence:
a) Find the next three terms in each sequence.
b) Tell if the sequence is Arithmetic, Geometric, or Neither.
c) If Arithmetic or Geometric write both a Recursive and an Explict Formula.

1. 26244, 2916, 324, ...

2. 9, 10, 18, 45, ...

3. -14, -18, -22, -26, ...

4. Find the missing terms in this Arithmetic Sequence.

23, ____, ____, ____, ____, 68

5. Find the missing terms in this Geometric Sequence.

8, ____, ____, ____, ____, 60.75

6. Find the 30th term of each sequence.

a) 3, 6, 12, 24, ...

b) 7, 1, -5, -11, ...

7. Given these two terms of an Arithmetic Sequence find the first term. $a_{17} = 144$ $a_{23} = 186$

8. Given these two terms of an Geometric Sequence find the first term. $a_{13} = 2,125,764$ $a_{18} = 516,560,652$