

## Sequence Worksheet

**NAME:**

**DATE:**

a) Look each question carefully state **A** for Arithmetic sequence and **G** for Geometric sequence for each.

- 1) 40, 43, 46, 49, 52
- 2) 4, 12, 36, 108, 324
- 3) 625, 125, 25, 5, 1
- 4) 29, 34, 39, 44, 49
- 5) 34, 36, 18, 10, 2

b) Look at the sequence, determine the pattern and then add the next 2 numbers in the sequence.

- 1) 1, 3, 5, 7,
- 2) 2, 9, 16, 23,
- 3) 12, 10, 8, 6,
- 4) 1, 3, 6, 10,
- 5) 1, 2, 4, 7,
- 6) 2, 8, 14, 20,
- 7) 4, 9, 16, 25,
- 8) 3, 10, 17, 24,
- 9) 2.3, 2.9, 3.5, 4.1,
- 10) 1.5, 3.1, 4.7, 6.3,

c) Find the missing numbers in the following sequences.

- 1) 1, 8, 27,                      , 125,
- 2)                      69.4, 68.9,                      67.9, 67.4
- 3) 18.4                      16.6    15.7                      13.9, 13
- 4) 20, 18, 27,                      ,                      , 32,
- 5) 41, 48, 57, 64,                      ,                      ,
- 6)                      ,                      , 25, 19, 24, 18