**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sequences – continued**

**For each sequence: a) Prepare a 3 column table, b) find the rule (expression), and 3) predict the *n*th term. SHOW ALL WORK ON A SEPARATE PIECE OF PAPER.**

1. 2, 6, 10 ,14, 18, … ; *n* = 15
2. 4, 9, 14, 19, … ; *n* = 12
3. -20, -16, -12, -8, … ; *n* = 27
4. 8, 11, 14, 17, 20, 23, … ; *n* = 40
5. 8, 2, -4, -10, -16, … ; *n* = 25

**For each expression #6 – 7, give the first 5 terms of the sequence.**

1. 4n + 3
2. -2n -3

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sequences – continued**

**For each sequence: a) Prepare a 3 column table, b) find the rule (expression), and 3) predict the *n*th term. SHOW ALL WORK ON A SEPARATE PIECE OF PAPER.**

1. 2, 6, 10 ,14, 18, … ; *n* = 15
2. 4, 9, 14, 19, … ; *n* = 12
3. -20, -16, -12, -8, … ; *n* = 27
4. 8, 11, 14, 17, 20, 23, … ; *n* = 40
5. 8, 2, -4, -10, -16, … ; *n* = 25

**For each expression #6 – 7, give the first 5 terms of the sequence.**

1. 4n + 3
2. -2n -3