

NAME: _____

GRADE: _____

DATE: _____



TOPIC: NUMBER SEQUENCES

1) Write down the next two terms in the sequence: 3, 15, 75, _____, _____

2) Find the next two terms in the sequence: 9, 8, 10, 9, 11, _____, _____

3) Find the next two terms in the sequence: 1, 8, 27, 64, _____, _____

4) Determine the term to term rule for the following sequence:

-6, -4, -2, 0, 2, ..., Rule : _____

5) Determine the term to term rule for the following sequence:

-8, -4, -2, -1, $-\frac{1}{2}$, ... Rule: _____

6) Use the following nth terms to find the first four (4) sequences and the tenth term (10):

a) $3n + 1$: _____, _____, _____, _____ 10th term : _____

b) $2n - 1$: _____, _____, _____, _____ 10th term : _____

c) $-2n + 30$: _____, _____, _____, _____ 10th term: _____

7) Find the nth term for the following sequences:

a) 3, 7, 11, 15, 19 nth Term: _____

b) 13, 15, 17, 19 nth Term: _____

c) 20, 16, 12, 8 nth Term: _____