

# Class 9 Mathematics - Predicting What Comes Next: Exploring Sequences and Progressions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Easy Worksheet 4

### Questions

1. Find the first five terms:  $t_n = 3n - 4$
2. Find the first five terms:  $t_n = 2 - 5n$
3. Find  $t_5$  when:  $t_n = 5n - 3$
4. Find  $t_{10}$  when:  $t_n = 5n - 3$
5. Is 97 a term of:  $t_n = 5n - 3$ ?
6. What is the common difference in: 1, 4, 7, 10, ...

### Answer Key

1. -1, 2, 5, 8, 11
2. -3, -8, -13, -18, -23
3. 22
4. 47
5. Yes
6. 3