

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

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

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

## **Easy Worksheet 3**

### **Questions**

1. Find the first four terms of:  $u_n = 2n - 1$
2. Find the 5th term of:  $u_n = 2n - 1$
3. Find the 10th term of:  $u_n = 2n - 1$
4. Find the first four terms of:  $s_n = 5n - 2$
5. Is 15 a term of the sequence: 1, 3, 5, 7, 9, ...
6. What type of numbers are generated by:  $u_n = 2n - 1$ ?

### **Answer Key**

1. 1, 3, 5, 7
2. 9
3. 19
4. 3, 8, 13, 18
5. Yes
6. Odd numbers