

# Class 9 Mathematics - Introduction to Linear Polynomials

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

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

## Medium Worksheet 4

### Questions

A student has ₹800 in savings. She receives ₹100 every month.

1. How much money will she have after 1 month?
2. How much money will she have after 3 months?
3. How much money will she have after 5 months?
4. Write a linear expression for the amount after  $n$  months.
5. Find the amount after 10 months.
6. Is this an example of linear growth or linear decay?

### Answer Key

1. ₹900
2. ₹1100
3. ₹1300
4.  $800 + 100n$
5. ₹1800
6. Linear growth