

# Class 9 Mathematics - Introduction to Linear Polynomials

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

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

## Advanced Worksheet 2

### Questions

A taxi service charges a fixed fee of ₹50 and ₹12 per kilometre travelled.

1. Write a linear expression for the total fare after  $k$  kilometres.
2. Find the fare for 5 kilometres.
3. Find the fare for 10 kilometres.
4. Find the fare for 20 kilometres.
5. What does the number 50 represent?
6. What does the number 12 represent?

### Answer Key

1.  $50 + 12k$
2. ₹110
3. ₹170
4. ₹290
5. Fixed charge
6. Charge per kilometre