ZiloAcademy

✨ Grade 9 Maths — Mathematical Modelling ✨

Name: Demo **Date:** 26/11/2026

1. A taxi charges a $12 flag fall plus $1 per km. Write an expression for the cost of a trip of k km (format: 12+1k, no spaces):

2. A plumber charges a $43 call-out fee plus $60 per hour of work. Write an expression for the total cost of a job lasting h hours (format: 43+60h, no spaces):

3. A taxi charges a $6 flag fall plus $2.5 per km. Write an expression for the cost of a trip of k km (format: 6+2.5k, no spaces):

4. A plumber charges a $25 call-out fee plus $70 per hour of work. Write an expression for the total cost of a job lasting h hours (format: 25+70h, no spaces):

5. A taxi charges a $17 flag fall plus $5 per km. Write an expression for the cost of a trip of k km (format: 17+5k, no spaces):

6. A taxi charges a $2 flag fall plus $2.5 per km. Write an expression for the cost of a trip of k km (format: 2+2.5k, no spaces):

7. A taxi charges a $2 flag fall plus $4 per km. Write an expression for the cost of a trip of k km (format: 2+4k, no spaces):

8. A taxi charges a $14 flag fall plus $3.5 per km. Write an expression for the cost of a trip of k km (format: 14+3.5k, no spaces):

9. A taxi charges a $9 flag fall plus $3.5 per km. Write an expression for the cost of a trip of k km (format: 9+3.5k, no spaces):

10. A taxi charges a $8 flag fall plus $3 per km. Write an expression for the cost of a trip of k km (format: 8+3k, no spaces):