ZiloAcademy

✨ Grade 8 Maths — Modelling ✨

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

1. A plumber charges a $35 call-out fee plus $30 per hour of work. Write an expression for the total cost of a job lasting h hours (format: 35+30h, no spaces):

2. A taxi charges a $16 flag fall plus $3 per km. Write an expression for the cost of a trip of k km (format: 16+3k, no spaces):

3. A taxi charges a $8 flag fall plus $1.5 per km. Write an expression for the cost of a trip of k km (format: 8+1.5k, no spaces):

4. A taxi charges a $3 flag fall plus $5 per km. Write an expression for the cost of a trip of k km (format: 3+5k, no spaces):

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

6. A taxi charges a $12 flag fall plus $3 per km. Write an expression for the cost of a trip of k km (format: 12+3k, no spaces):

7. A plumber charges a $36 call-out fee plus $90 per hour of work. Write an expression for the total cost of a job lasting h hours (format: 36+90h, no spaces):

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8. A taxi charges a $11 flag fall plus $2 per km. Write an expression for the cost of a trip of k km (format: 11+2k, no spaces):

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9. 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):

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10. A plumber charges a $44 call-out fee plus $60 per hour of work. Write an expression for the total cost of a job lasting h hours (format: 44+60h, no spaces):

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