

Organising the school dance

This task is about writing and solving story problems.



Year 10 are organising a school dance. The DJ says he will charge \$110 to set up his equipment and then \$90 an hour (h). They have budgeted \$470 to pay for the DJ.

Write an expression or equation that describes the DJ's charges.

a) i) _____

Work out how long the DJ will play for if Year 10 have \$470 to spend.

ii) The DJ will play for _____ hours.

Each ticket to the dance has a lucky number on it. Charlie multiplies their number by 4 and b) takes 1 off and gets an answer of 67.

Write an **equation** for this information. Use n to represent Charlie's lucky number.

i) _____

ii) Charlie's lucky number is _____.