

WJEC MATHEMATICS

HIGHER
3 TIER TOPICS


SUBSTITUTION

@MrGoreMaths.

Spec 2 – Numeracy – P1

6. Yolanda and Emyr set up a gardening business together. They decide to calculate the charge for the time that they spend on a gardening job using the following method.

Gardening by Yolanda and Emyr



- START with a standard charge of £15
- ADD a fee of £10 for every **complete** hour worked
- ADD an additional fee of 20p for every **additional minute** worked
- MULTIPLY the total charge so far by 2
- EQUALS the final charge

(a) Calculate the charge for a gardening job that takes $2\frac{1}{4}$ hours.

[2]

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