## **Multi Mark 5**

Daniel wants to buy a new bicycle. It is priced at £480.



## Daniel can either

- pay £480 immediately, or pay a 15% deposit, followed by 24 monthly payments of £22.

You will be assessed on the quality of your written communication in this part of the question.
Calculate the total amount Daniel would pay using the deposit and monthly payments method.  [5] You must show all your working.

(D)	and monthly payments method.	ят 3]
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Diagram not drawn to scale

The shortest distance across the pond is 6m. The longest distance across the pond is 20m.

Eliza estimates that the surface area of the pond is 120 m<sup>2</sup>. Explain why the surface area of the pond is less than Eliza's estimate. [2] You will be assessed on the quality of your written communication in this part of the question. Calculate an estimate for the surface area of the pond that would be more accurate than Eliza's estimate. Show all of your working and explain how you have decided to calculate your estimate.

[6]