

**AQA – Probability – GCSE 2022 Mathematics**

1. *June/2022/Paper\_8300/2F/No.20*

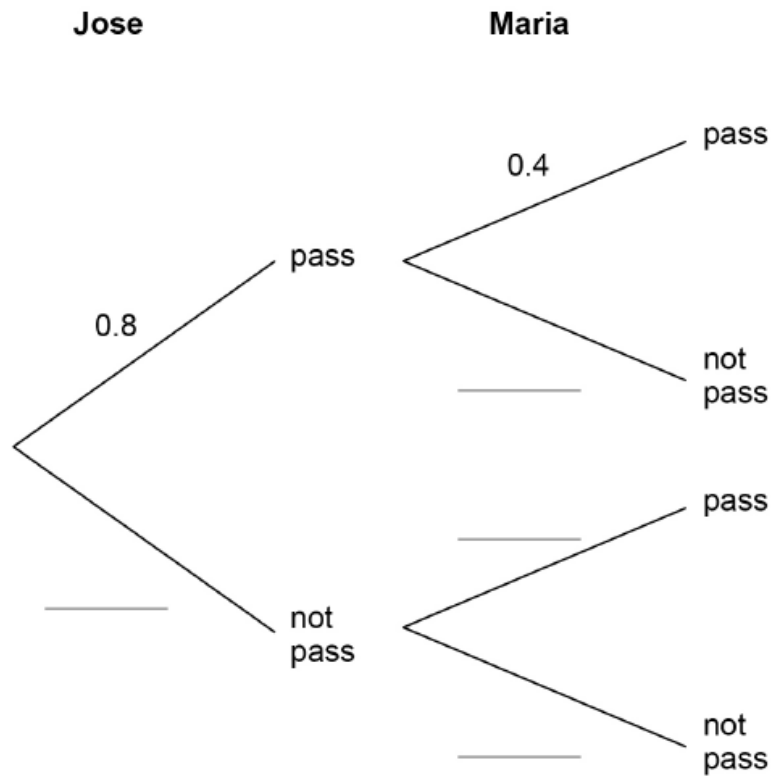
Jose and Maria each take a test.

The probability that Jose passes is 0.8

The probability that Maria passes is 0.4

(a) Complete the tree diagram.

[2 marks]



(b) Work out the probability that they **both** pass.

[1 mark]

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Answer \_\_\_\_\_

## 2. June/2022/Paper\_8300/2H/No.2

Circle the expression that means the probability of A and not B.

[1 mark]

$P(A' \cup B)$

$P(A \cup B')$

$P(A' \cap B)$

$P(A \cap B')$