

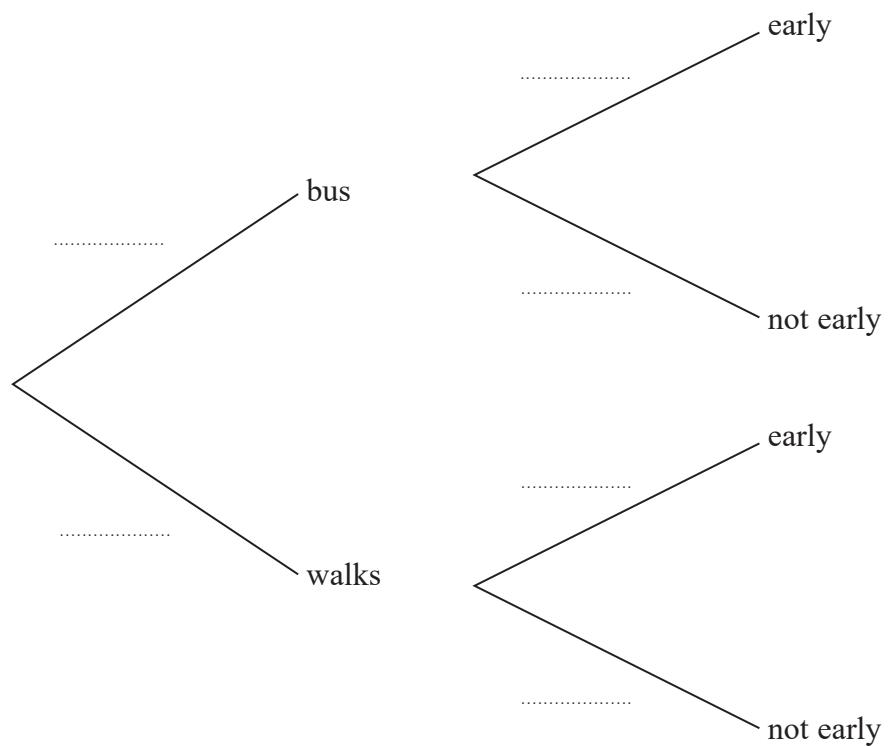
26 On any day that Marian goes to school, she either goes by bus or walks.

The probability that she goes by bus is 0.7

If Marian goes by bus, the probability that she is early for school is 0.4

If Marian walks, the probability that she is early for school is 0.9

(a) Complete the probability tree diagram.



(2)

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

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Find the probability that on any day Marian goes to school,

(b) she walks to school and is not early for school,

.....
(2)

(c) she is early for school.

.....
(3)

(Total for Question 26 is 7 marks)

