

- 3 Peter has two boxes of bricks, box **A** and box **B**.
Each box contains only red bricks, green bricks and yellow bricks.

In box **A** there are 15 bricks of which

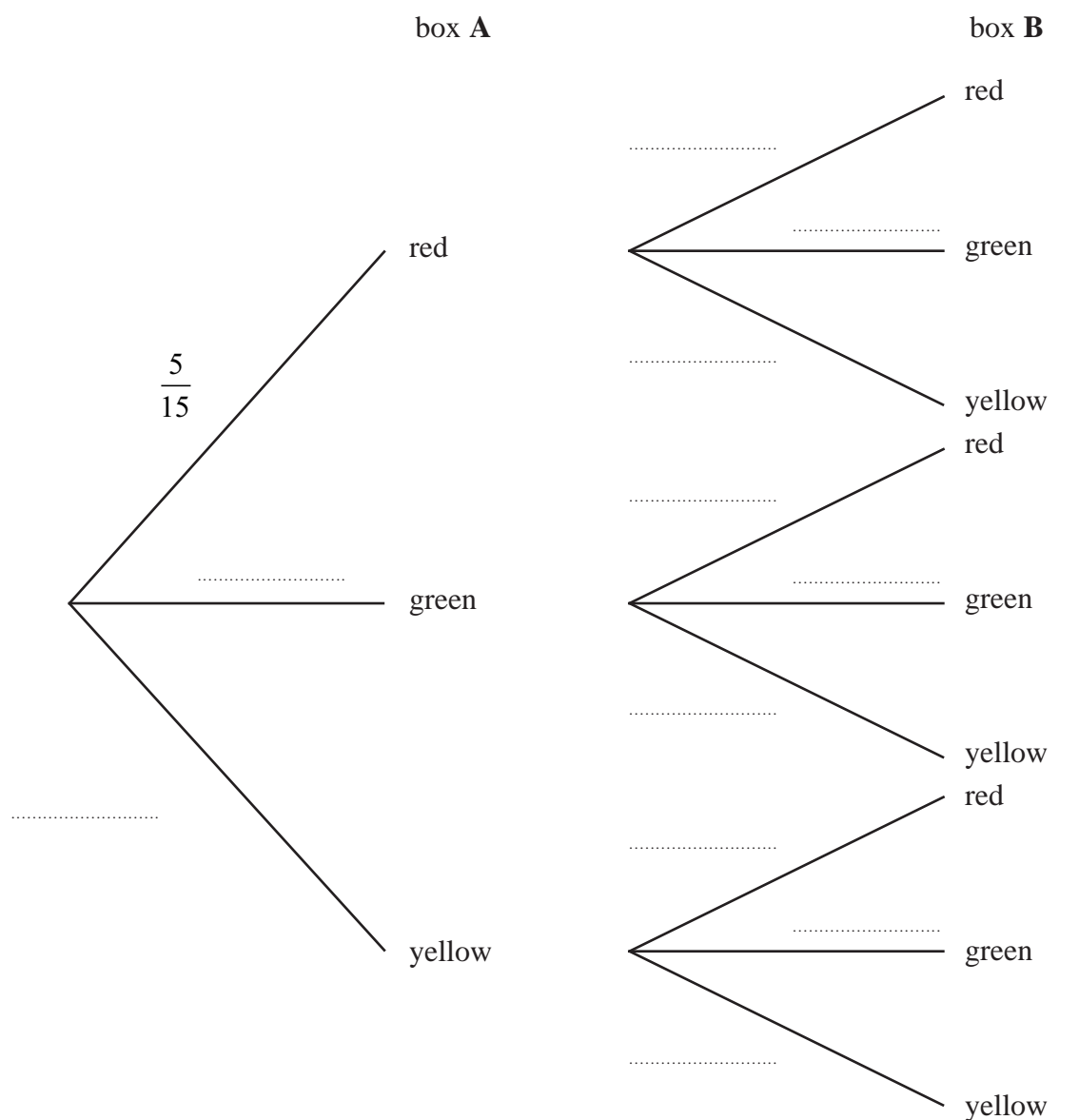
5 are red,
7 are green,
and 3 are yellow.

In box **B** there are 20 bricks of which

8 are red,
9 are green,
and 3 are yellow.

Ami is going to take a brick at random from box **A** and a brick at random from box **B**.
She is going to put these two bricks on a table.

- (a) Complete the probability tree diagram.



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(3)

(c) Find the least number of bricks that were in box C before Ami took a brick from box C. (3)



Question 3 continued

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Question 3 continued

Handwriting practice area with horizontal dotted lines.

(Total for Question 3 is 9 marks)

