

Frequency Trees

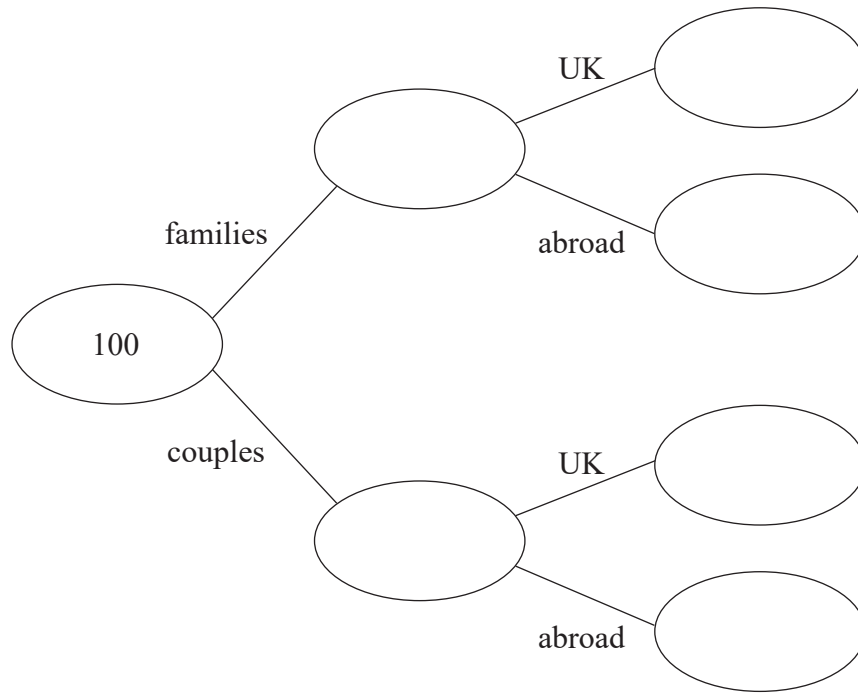
November 2023 Paper 3

15 A travel agent sold 100 holidays in April.
Each of these holidays was in the UK or was abroad.

64 of the 100 holidays were sold to families.
The rest of the holidays were sold to couples.

11 of the 18 holidays abroad were sold to couples.

(a) Use this information to complete the frequency tree.



(3)

One of the holidays sold to a family is chosen at random.

(b) Find the probability that this holiday was **not** abroad.

.....
(2)

(Total for Question 15 is 5 marks)

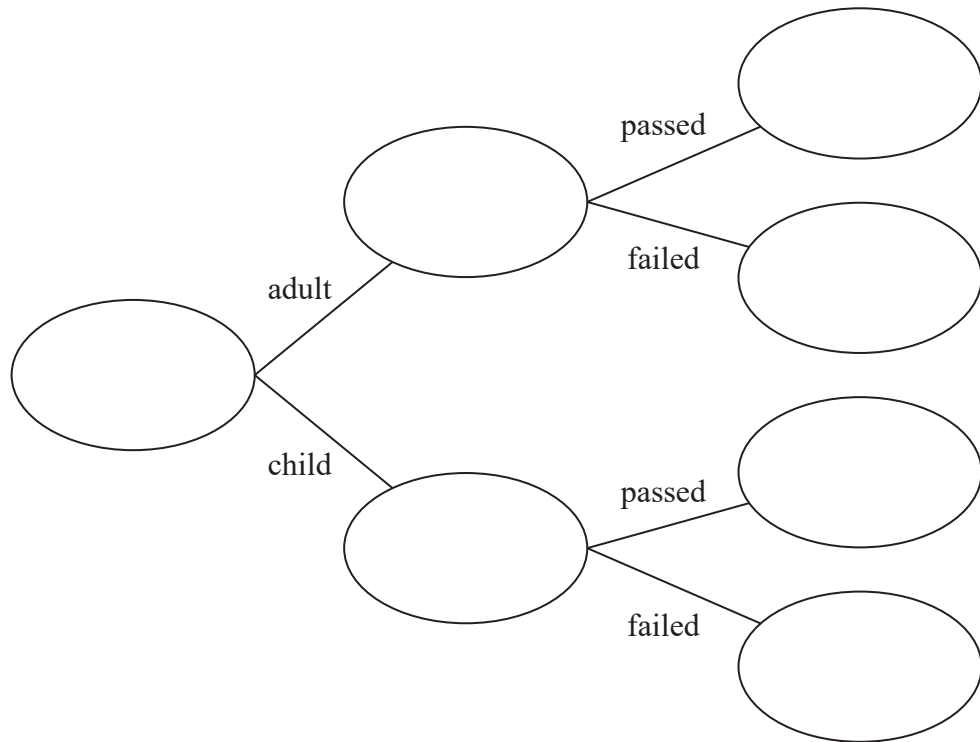
June 2022 Paper 1

17 72 people did a test.

20 of the 32 adults who did the test passed.

6 of the children who did the test failed.

(a) Use this information to complete the frequency tree.



(3)

One of these people is picked at random.

(b) Find the probability that this person is an adult who failed the test.

.....
(2)

(Total for Question 17 is 5 marks)

November 2021 Paper 2

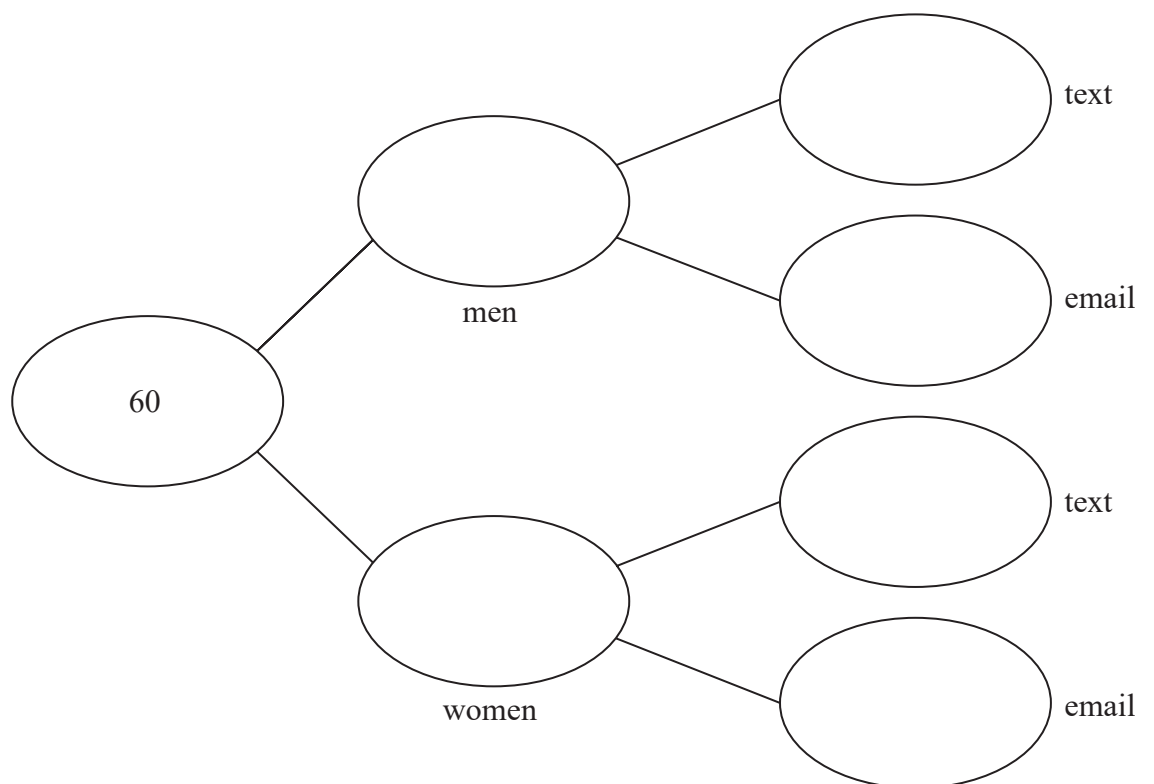
17 60 people are asked if they prefer to text or to email their friends.

38 of the people are women and the rest are men.

15 of the men prefer to email their friends.

60% of the people prefer to text their friends.

Complete the frequency tree for this information.



(Total for Question 17 is 5 marks)

June 2023 Paper 2

19 240 people work at a factory.

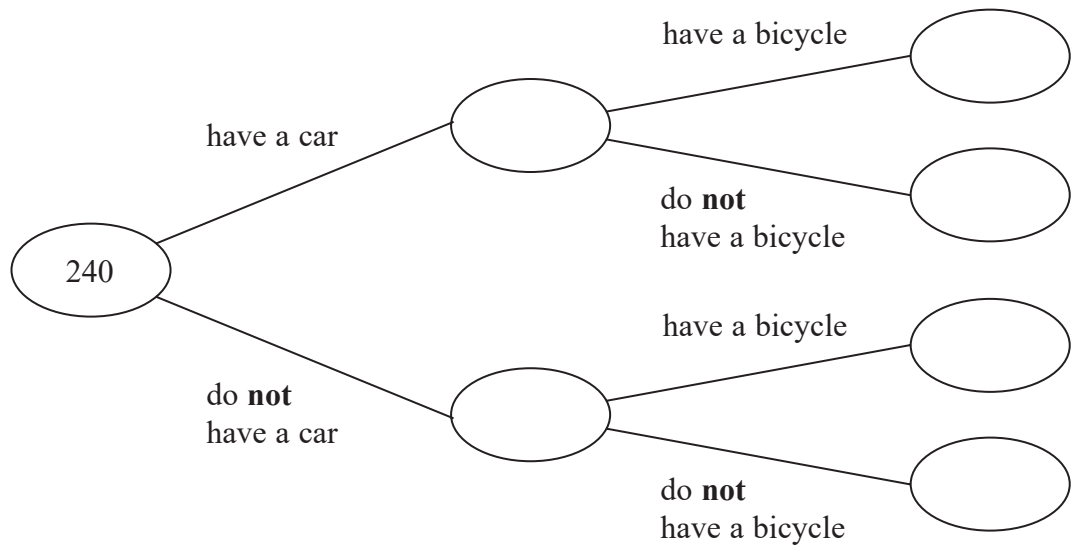
Of these people

150 have a car

110 have a bicycle

65 of the people who have a bicycle do **not** have a car.

(a) Use this information to complete the frequency tree.



(3)

(b) What percentage of the 150 people who have a car also have a bicycle?

.....%

(2)

(Total for Question 19 is 5 marks)