

Frequency Trees

Week 2

Lesson Time : 5 - 10 Minutes
Course : Foundation or Higher
Grade : 4

Back to Basics

Core

Let's Do It!

GCSE Revision Video 14

- **Prior Checklist:** A pack of A5/A6 revision cards.

A pen.

- **Our Video Structure:**

Back to Basics: Quick re-cap.

Core: *Create* your own revision cards with exam style questions.

Let's Do It! : *Apply* your revision cards to another

Instructions: **Print out** this worksheet and watch the revision video simultaneously.

Pause and Play the video unlimited times to review your work and write the answers in the blank spaces. Once you have written your answers, check these with the tutorial answers, as explained in the video.


Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

Apply your OWN revision cards (Let's Do It! section).

Self Assess yourself (Out of 10) on your revision planner after you have completed the revision video.

WATCH this revision video and **MANY** others on our **FULL** courses at www.mathsmemory.co.uk

Let's get started and create our Master revision card with this suggested template.



Maths Memory

Learn:


Complete Frequency Trees

Apply

Topic: Frequency Trees


Date/week: _____

Step 3





Example(s):

Step 2



Step 1

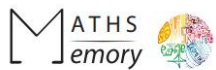




GRADE

4

Core- Create your revision cards with these exam style questions



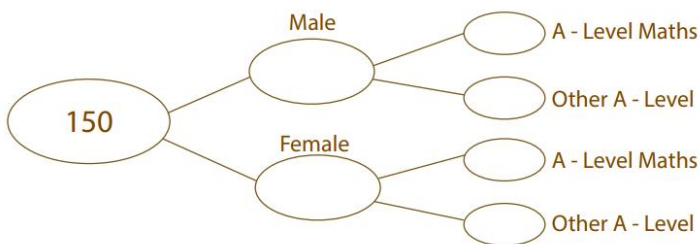
Core 1

Topic: Frequency Trees

Question 1

150 students are enrolled for sixth form.
 82 are male.
 35 of the 52 Maths A-level students are male.

a) Use this information to complete the frequency tree.

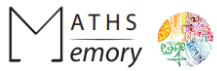


b) One of the 150 people are chosen at random.
 Write down the probability that this person is female who does not study A level Maths.

Grade
4 (4 Marks)



Let's get our revision card and create Section A. Look at video for guidance.

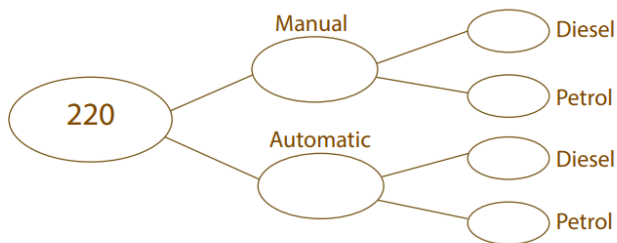


Core 2

Topic: Frequency Trees

Question 2

- 220 people are surveyed and all drive a car.
150 drive a manual car.
35 drive an automatic car with a diesel engine.
82 people drive a diesel car.
a) Use this information to complete the frequency tree.



- One of the 220 people who has an automatic car is chosen at random.
b) Write down the probability that this person has a petrol car.

Grade
4 (4 Marks)



Let's Do It! - Apply your revision cards to another set of exam style questions



Let's Do It !

Topic: Frequency Trees

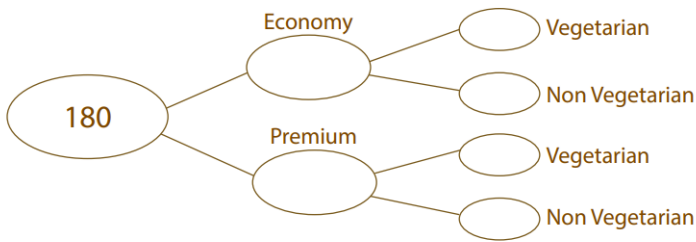
Question 1

180 people are on a flight.

162 fly economy class.

19 of the 23 vegetarian passengers are economy class.

a) Use this information to complete the frequency tree.



One of the 180 people is chosen at random.

b) Write down the probability that this person requests a non vegetarian meal.

Grade

4 (4 Marks)

Congratulations. You have completed this topic.

Now go back to your revision planner and rate yourself out of 10.

