

Frequency Tables

Lesson Time : 15 - 20 Minutes

Course : Foundation or Higher

Grade : 4/5

Back to Basics

Core

Let's Do It!

GCSE Revision Video 10

- **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 set of exam style questions.

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.

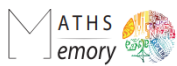
Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

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.



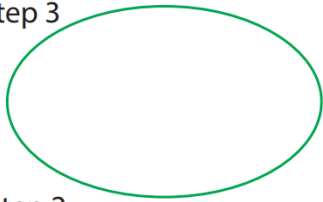
Maths Memory

Learn:

➡ Complete Frequency Trees

➡ Apply

Step 3



Step 2



Step 1



10

7

4

Example(s):

Topic: Frequency Trees
Date/week: _____

GRADE

4

Back to Basics- Starter questions to warm you up



Back to Basics

Topic: Frequency Tables

Question 1

The table below shows information about the points scored in a quiz by a year group.

Points	Number of Students
7	12
8	8
9	7
10	5

- What is the modal number of points scored.
- How many students took part in the quiz?
- Work out the total number of points scored.

Calculator



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Core- Create your revision cards with these exam style questions



Core 1

Topic: Frequency Tables

Question 1

The table below shows information about the number of plums in a bag.

Plums in bag	Frequency of bags
4	9
5	6
6	8
7	x

a) The total number of plums in all the bags is 170. Find x

b) Hence find out the mean number of plums in a bag.

Grade

4 (4 Marks)
Calculator

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



Core 2

Topic: Frequency Tables

Question 2

The table below shows information about the distance (Km) pupils live from school

Distance (Km)	Frequency
$1 \leq x \leq 5$	7
$6 \leq x \leq 10$	10
$11 \leq x \leq 15$	6
$16 \leq x \leq 20$	2

a) Find the mean distance a pupil lives from school.

b) Find the median distance a pupil lives from school.

Grade

5 (4 Marks)
Calculator

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



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



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



Let's Do It!

Topic: Frequency Tables

Question 1

The table below shows information about the shoe size's taken from a primary school class.

Shoe Size	Frequency
1	12
2	17
3	6
4	5

- a) Find the modal shoe size.
- b) Find the median shoe size.
- c) Find the mean shoe size.

Grade
4 (5 Marks)
Calculator



Question 2

The table below shows information about the time it took a class of pupils to complete a puzzle.

Time (minutes)	Frequency
$0 < x \leq 10$	6
$10 < x \leq 20$	13
$20 < x \leq 30$	12
$30 < x \leq 40$	9

a) Work out an estimate for the mean time.

b) Find the class interval that contains median.

Grade

5

(4 Marks)

Calculator

Congratulations. You have completed this topic.

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