

Estimation

Week 1

Lesson Time : 10 - 15 Minutes

Course : Foundation

Grade : 4

Back to Basics

Core

Let's Do It!

GCSE Revision Video 1

- **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.

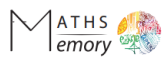
Create your OWN revision cards when prompted on the worksheet(Back to Basic and Core sections).

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
emory  **Maths Memory**

Learn:

-  Estimate fractions
-  Estimate worded problems

Step 3 

Step 2 


Step 1 

Example(s):

Topic: Estimation

Date/week: _____

GRADE
4



Core- Create your revision cards with these exam style questions



Core 1

Topic: Estimation

Question 1

Estimate $\frac{43.6 \times 19}{0.075}$

Grade

4 (3 Marks)



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

MathsMemory **My Tool Kit**

Topic: _____ Grade: _____

(A)



Core 2

Topic: Estimation

Question 2

A car is travelling from Town A to Town B. The distance is 427 miles.
The time taken between these towns is 7 hours and 48 minutes.

Estimate the speed the car is travelling at.

Grade
4 (2 Marks)



Challenge

Topic: Estimation

Question 3

A runner runs a 100 m race in 9.58 seconds. Estimate the speed of the runner
in km/h.

Grade
5 (4 Marks)

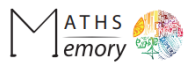
Let's get our revision card and create Section B. Look at video for guidance.

Maths Memory **My Tool Kit**

Topic: _____ Grade: _____

(B)

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



Lets' Do It!

Topic: Estimation

Question 1

Estimate $\frac{\sqrt{104.8 \times 36}}{0.24}$

Grade
4 (3 Marks)



Let's Do It!

Topic: Estimation

Question 2

Emma works as an apprentice. She receives £ 15.76 per hour. She works 32 hours a week for six months.

Estimate her total pay over these six months.

Grade
4 (3 Marks)

Question 3

a) A plane travels at 585 miles per hour. Work out an estimate for the number of seconds it takes to travel one mile?

b) Is your answer to part (a) an underestimate or an overestimate? Justify your answer.

Grade**4** (4 Marks)

Congratulations. You have completed this topic.

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