



Exam Question Practice

Maths is a 'doing' subject and so the best way to revise is to do questions. Preferably exam style questions, to get used to the content assessed as well as the style and layout, plus the space available.

Year 11 - Past Paper packs email soon

Year 10 - CGP Exam Practice workbook

Work on tasks not time.



In the exam

Equipment

You must have: Ruler graduated in centimetres and millimetres, protractor, pair of compasses, pen, HB pencil, eraser. Tracing paper may be used.

If you aren't given any and you think you need to use it ... i.e. for "transformations"

ASK FOR SOME

...and a "spare" spare





In the exam

If you are going to highlight or underline key words:

LIKE THIS...

Dimensions of a tank in the shape of a cuboid.

✓ The tank is $\frac{1}{3}$ full of water. $\frac{1}{3}$ of 300,000 = 100,000 cm³

✓ The diagram also shows a barrel that contains water.

✓ Tina is told that there is 18 000 cm³ of water in the barrel.

✓ Tina is going to empty all the water from the barrel into the tank.

(a) What will the depth of water in the tank then be?

so depth = 20cm
before barrel is
added

Highlight what
is important to
you!!

RTFQ!

100 cm

barrel

The diagram shows the dimensions of a tank in the shape of a cuboid.

The tank is $\frac{1}{3}$ full of water. $\frac{1}{3}$ of 300,000 = 100,000 cm³

The diagram also shows a barrel that contains water.

that there is 18 000 cm³ of water in the barrel.

going to empty all the water from the barrel into the tank.

(a) What will the depth of water in the tank then be?

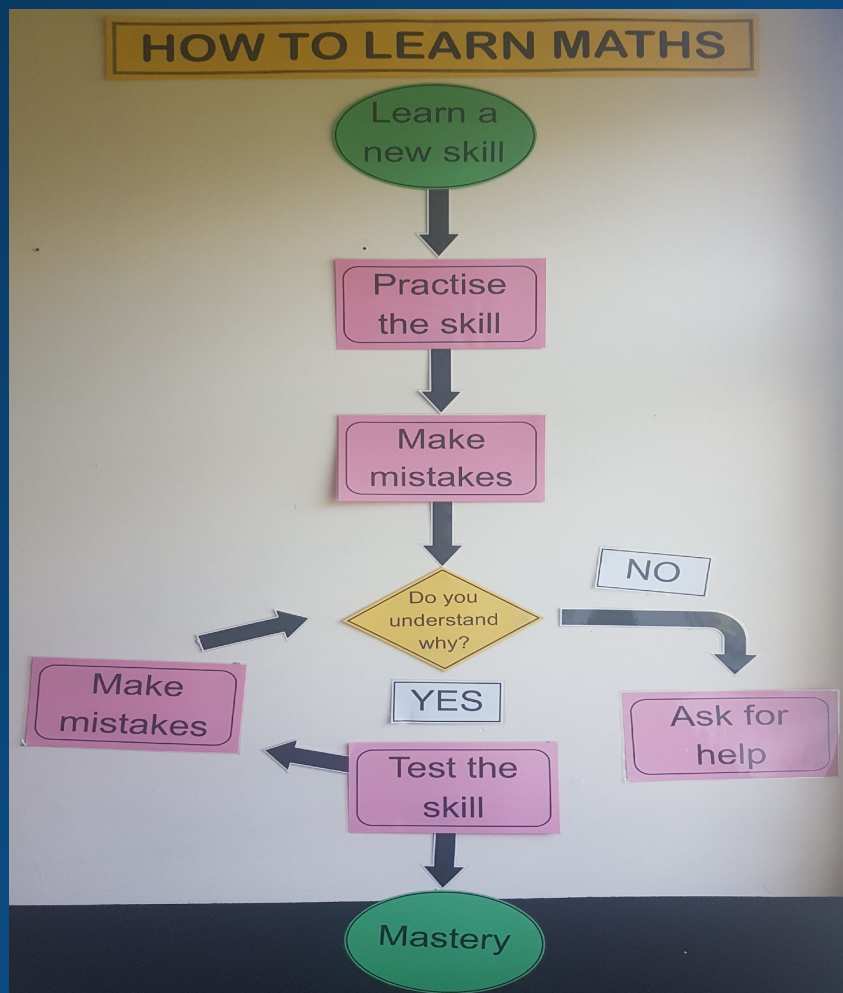
so depth = 20cm
before barrel is
added

NOT like this...



Cycle of Improvement

Try to support your son/daughter to work on a cycle of improvement.



- Exam question
- Answer
- Mark
- Pinpoint weakness
- Address weakness
- Complete question again



Hegarty Maths website

Hegartymaths.com is a fabulous resource that many of you would (hopefully) have seen your child complete homework on.

There are 853 tasks on the site.

Every single task has a full explanation video from Colin Hegarty and then questions to assess students understanding.

They can communicate with us through the site if they need help.



Hegarty Maths website (2)

How to use effectively for revision, not homework?

Yr 10: Already completed 5 of 14 half terms of the GCSE course.

AIM:

Train students from all year groups to revise as a habit not as an afterthought or something only Yr11s do. Use site in this way to start improving students' long term memory and teach them good habits of being a good learner.

Yr 11: Completed 11 of 14 half-terms, plenty to look back and revise now, sooner they start the easier it is.



Revision Resources Beyond Hegarty Maths

Maths Revision List (Higher) ☆ 🗑️ c.collard@hemelschool.com

File Edit View Insert Format Data Tools Add-ons Help All changes saved in Drive

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	A	C	D	E	F	G	H	I	J
1		Hegarty maths	Corbett Cards	CGP revision Guide	Mr Barton Maths	Mathsgenie	Just Maths	Answers Links	Revised
2	Year 9 Autumn 2 (Spring 1 for Yr 11)								
3	<u>Calculations, checking and rounding</u>								
4	Add, subtract, multiply and divide Integers & decimals	47 - 51							
5	Round to decimal places significant figures	56, 130	71	10-11	55, 57		Estimating	Answers	
6	Estimate answers to one- or two-step calculations	131							
7									
8	<u>Indices, roots, reciprocals and hierarchy of operations</u>								
9	Write numbers in index form	102-104, 107							
10	Multiply and divide numbers in index form	105-106				Grade 4 Indices Grade 6 Fractional and negative Indices			
11	Evaluate numbers in index form	108-110	42,-44	17	59, 68, 96				
12	Solve problems using index laws	173-175							
13	Use brackets with powers	120, 150							
14									
15	<u>Factors, multiples and primes</u>								
16	Identify factors, multiples and primes	27-28							
17	Find the prime factor decomposition of positive integers	29-30	60-61	3-4	24, 54	Grade 4 -HCF LCM	Factors, Multiples and Primes	Answers	
18	Solve problems using factors, multiples and primes	32,35-36							
19									

+ ☰ Year 9 topics Year 10 topics Year 11 Topics



Revision Resources (2)

CGP Revision Guide - Contains concise, student-friendly explanations of every topic, backed up with plenty of step-by-step examples.

CGP Exam Practice Workbook

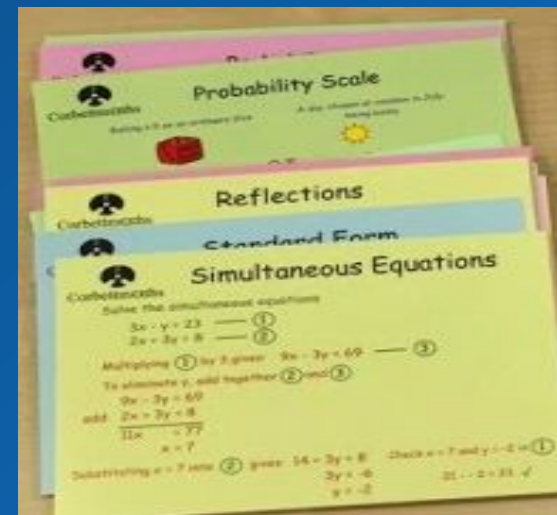
Packed with exam-style questions for every topic, coupled with complete step-by-step solutions (with a full mark scheme) at the back of the book, so it's simple for students to check and correct their work!

Each book is £2.50 through the school (RRP £5.95)

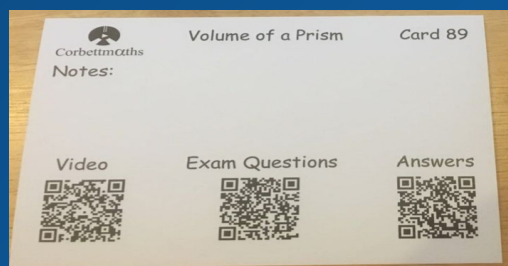


Revision Resources (3)

Corbett Maths Flashcards - £6.25 (RRP £8.95)



Flash cards to be looked at for notes but on the reverse are QR links to videos, exam questions and their answers.



QR reader apps, I-nigma or Snapchat!

Or students can make their own so it's personalised to how they want it