



GCSE English



What does GCSE English entail?

- EDUQAS
- Two GCSE qualifications: English Language and English Literature
- Two exams for each qualification – four in total
- The study of a number of texts: fiction and non-fiction
- Analysis of a variety of texts and extracts
- Adapt our writing to suit different purposes: entertain, persuade, advise, inform, describe etc.



English Language

- Two exam papers
- Analysis of fiction and non-fiction texts including extracts and articles
- Tests your comprehension skills and your ability to analyse and evaluate how a writer has achieved a particular purpose
- Produce texts for different purposes: entertain, persuade, advise, inform, describe
- Produce texts for different audiences: head teacher, council, peers etc.
- Students will build up stamina to produce detailed work in timed conditions

English Literature

- Two exam papers
- Books, plays, poetry
- A Christmas Carol, An Inspector Calls, Macbeth, Unseen Poetry, Poetry Anthology
- Tests your ability to analyse the presentation of a character or theme within a text, as well as your ability to compare and contrast two texts
- Y10 texts: A Christmas Carol, An Inspector Calls, Poetry Anthology

Current topic: English Language Component 1

- 1 hour 45 minutes
- Section A: five comprehension questions on a fictional extract (1 hour)
- List five things, what are your impressions of...? How does the writer show...? How does the writer makes these lines...?
- Section B: narrative writing (45 minutes)
- YouTube video guide: <https://youtu.be/J2H5dGFDuPc>

Success in English GCSE

English Language

- Analysing a range of quotations from across an extract
- Picking out / analysing the effect of language in an extract
- Writing with creativity, sophistication and flair

English Literature

- To analyse / evaluate the presentation of characters and themes within a story
- To analyse a theme within poetry
- Compare and contrast poems (Anthology and Unseen)

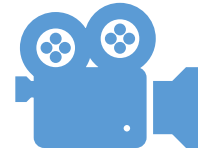
What can I do to improve my attainment in English?



Read!



KS4 Reading
List



Exam guide
videos



Internet
(BBC Bitesize)

Encouragement

Reading

- KS4 Reading Lists
- Non-fiction texts

<http://www.readingmatters.co.uk/>

<http://www.booktrustchildrensbooks.org.uk/Teenage-Books>

<http://www.cool-reads.co.uk/>


<http://www.lovereadings4kids.co.uk/>

<http://www.ukchildrensbooks.co.uk/>

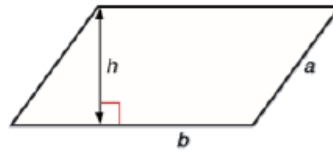
Writing

- Extended pieces of writing
- Narratives, poetry, reviews, reports

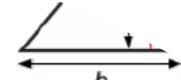
Rectangle area = $l \times w$

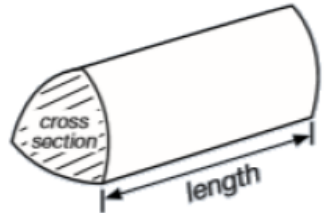


Parallelogram area = $b \times h$



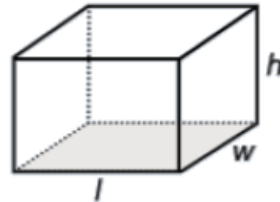
Triangle area = $\frac{b \times h}{2}$





Prism volume = area of cross section \times length

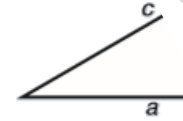
Cuboid volume = $l \times w \times h$



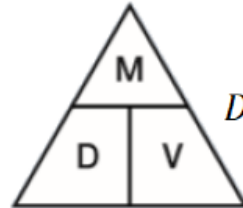
Cylinder volume = $\pi r^2 h$

Pythagoras

$a^2 + b^2 = c^2$



Speed = $\frac{\text{distance}}{\text{time}}$



Density = $\frac{\text{mass}}{\text{volume}}$



Pressure

n is the number of sides

Interior Angles = $(n - 2) \times 180$

REGULAR polygon = $\frac{360}{n}$

Constructing Pie Charts

Angle = $\frac{\text{frequency}}{\text{total}} \times 360$

Love

GCSE
Mathematics
at The Friary

About the Maths exam



Exam Board

Edexcel



Tiers

Higher (Grade 4-9) Foundation
(Grade 1-5)



3 Papers

1 Non-calculator

2 Calculator

Each 1.5hrs long

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)
Mathematics
Paper 1 (Non-Calculator)
Foundation Tier
Thursday 24 May 2018 – Morning
Time: 1 hour 30 minutes
Paper Reference: 1MA1/1F

Instructions

- Use **black** ink or ball-point pen.
- Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – there may be more space than you need.
- You must **show all your working**.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- Calculators may not be used.**

Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)
Mathematics
Paper 2 (Calculator)
Foundation Tier
Thursday 7 June 2018 – Morning
Time: 1 hour 30 minutes
Paper Reference: 1MA1/2F

Instructions

- Use **black** ink or ball-point pen.
- Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – there may be more space than you need.
- You must **show all your working**.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- Calculators may be used.**
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Pearson Edexcel
Level 1/Level 2 GCSE (9-1)
Mathematics
Paper 3 (Calculator)
Foundation Tier
Tuesday 12 June 2018 – Morning
Time: 1 hour 30 minutes
Paper Reference: 1MA1/3F

Instructions

- Use **black** ink or ball-point pen.
- Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – there may be more space than you need.
- You must **show all your working**.
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Information

- The total mark for this paper is 80.
- The marks for **each** question are shown in brackets – use this as a guide as to how much time to spend on each question.

Advice

- Read each question carefully before you start to answer it.
- Keep an eye on the time.
- Try to answer every question.
- Check your answers if you have time at the end.

Exam Papers in Focus: Higher

Write 124 as a product of its prime factors.

Work out the value of $\frac{\left(5\frac{4}{9}\right)^{-\frac{1}{2}} \times \left(4\frac{2}{3}\right)}{2^{-3}}$

You must show all your working.

Cormac has some sweets in a bag.

The sweets are lime flavoured or strawberry flavoured or orange flavoured.

In the bag

number of lime : number of strawberry : number of orange
flavoured sweets : flavoured sweets : flavoured sweets = 9 : 4 : x

Cormac is going to take at random a sweet from the bag.

The probability that he takes a lime flavoured sweet is $\frac{3}{7}$

Work out the value of x.

A delivery company has a total of 160 cars and vans.

the number of cars : the number of vans = 3 : 7

Each car and each van uses electricity or diesel or petrol.

$\frac{1}{8}$ of the cars use electricity.

25% of the cars use diesel.

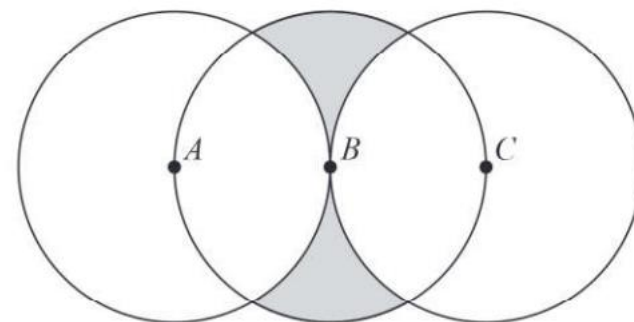
The rest of the cars use petrol.

Work out the number of cars that use petrol.

You must show all your working.

The diagram shows three circles, each of radius 4 cm.

The centres of the circles are A , B and C such that ABC is a straight line and $AB = BC = 4$ cm.



Work out the total area of the two shaded regions.
Give your answer in terms of π

Exam Papers in Focus: Foundation

The diagram shows three identical rectangles **A**, **B** and **C**.



Rectangle **A**

Rectangle **B**

Rectangle **C**

$\frac{5}{8}$ of rectangle **A** is shaded.

$\frac{9}{11}$ of rectangle **C** is shaded.

Work out the fraction of rectangle **B** that is shaded.

A delivery company has a total of 160 cars and vans.

the number of cars : the number of vans = 3 : 7

Each car and each van uses electricity or diesel or petrol.

$\frac{1}{8}$ of the cars use electricity.

25% of the cars use diesel.

The rest of the cars use petrol.

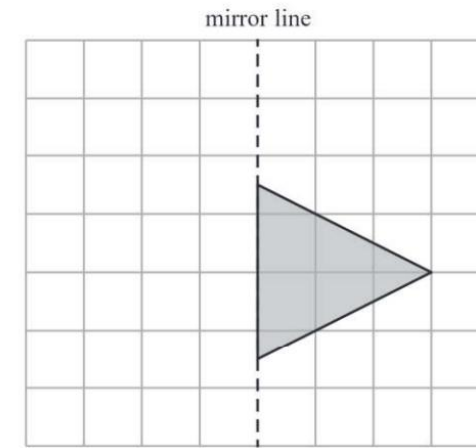
Work out the number of cars that use petrol.

You must show all your working.

Change 40 centimetres into millimetres.

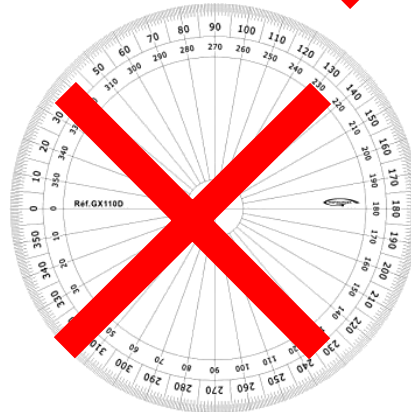
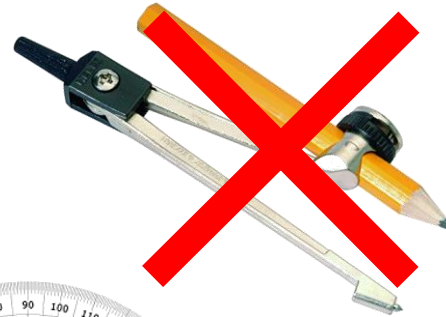
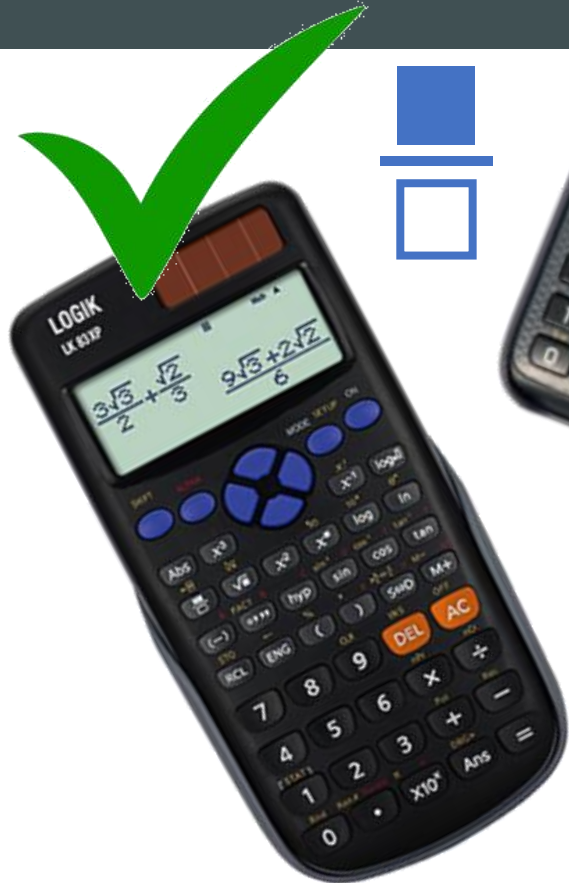
Simplify $e + e + e + e$

On the grid, reflect the shaded triangle in the mirror line.



(Total for Question 3 is 1 mark)

Equipment



Calculator

+

All other standard
equipment for lessons
(pen, pencil, ruler etc)

Students DO NOT need a
pair of compasses, or a
protractor as we lend
those out when we need
them

Assessments

- 1 end of half term assessment
- 2-3 learning checks throughout each half term
- Focus is current topic with some previous content addressed

- Revision homework set and checked for completion
- Revision in class
- Focus on exam technique
- Specific after school booster sessions

Y10 Mocks- June. This will assess both pupils' calculator and non-calculator skills. This will be the first time that Year 10 pupils will complete two full papers in the sports hall. This is in preparation for the Y11 November mocks, where pupils will sit a full set of 3 GCSE papers.

What can students do to improve their Maths?

Websites

<https://www.dr frostmaths.com/>

<https://www.mathsgenie.co.uk/>

<https://corbettmaths.com/>

Revision Workbooks

Resources on these websites include

- Video tutorials
- Exam questions
- Textbook questions
- Full solutions
- Revision pages
- Games

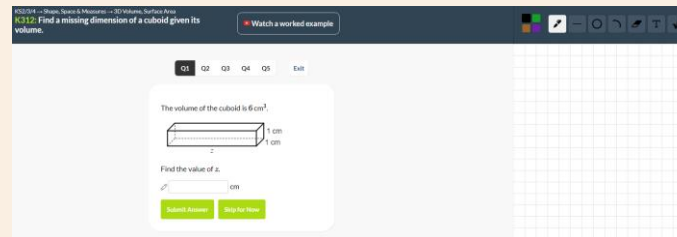
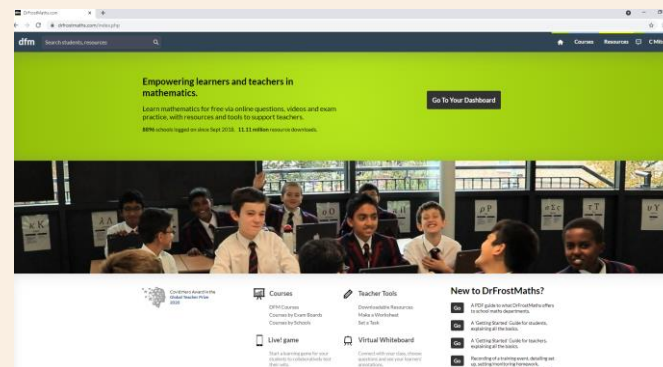
PRACTICE MAKES PERMANENT



Home Learning

Homework Tasks

Dr Frost Website



Homework Tasks Information

- Set weekly
- Focuses on current learning and retrieving old learning
- Expected to be fully completed

Dr Frost Information

- Login is school email address, password is "friary"
- Earn points – links to house points and student of the week
- In class studying, revision, new learning

Topic Overview for this half term

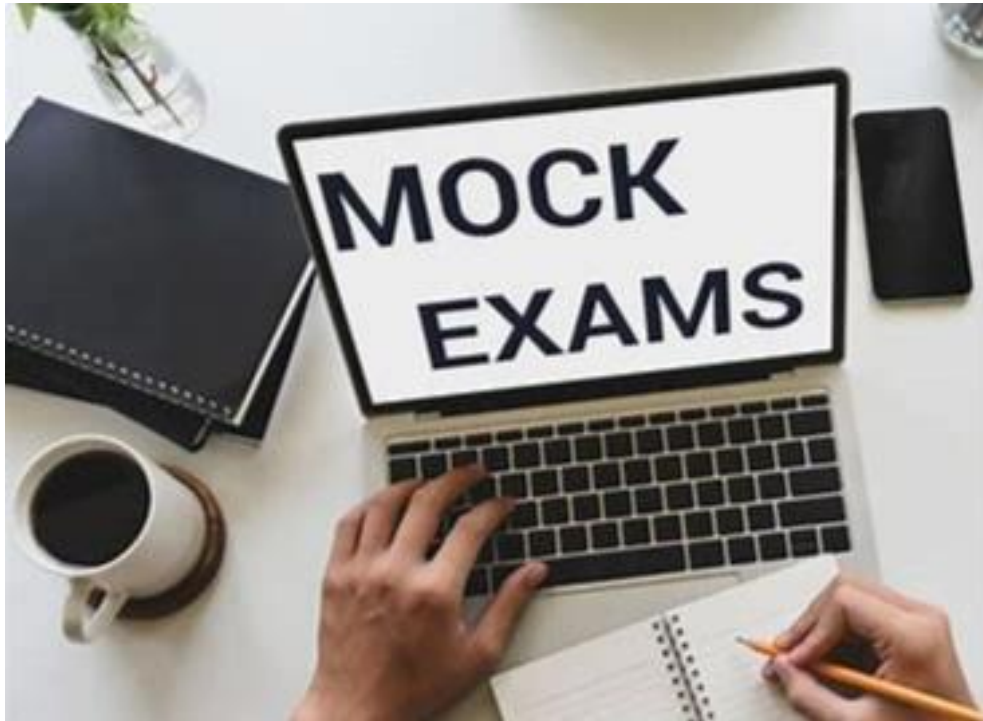
Foundation

- Substitution
- Simplify Expressions
- Index Laws
- Expand a single bracket
- Factorise into a single bracket
- Solve Equations including fractional Equations and unknowns on both sides
- Understand and solve Inequalities
- Change the subject of simple formulae
- Expand Double brackets
- Factorise quadratic expressions
- Solve quadratic equations by factorisation
- Quadratic Graphs of the form $y=x^2+a$

Higher

- Index Laws
- Expanding single bracket and factorise into a single bracket
- Solve Equations including fractional Equations and unknowns on both sides
- Understand and solve Inequalities
- Change the subject of simple formulae
- Expand double & triple brackets
- Factorise quadratic expressions
- Solve quadratic equations by factorisation
- Quadratic Graphs of the form $y=x^2+a$
- Factorise simple and complex quadratic expressions
- Difference to two squares
- Solve quadratic equations
- Complete the square
- Solve quadratic equations by completing the square
- Solve quadratic equations by quadratic formula

Expectations



Y10 Mocks- June. This will assess both pupils' calculator and non-calculator skills. This will be the first time that Year 10 pupils will complete two full papers in the sports hall. This is in preparation for the Y11 November mocks, where pupils will sit a full set of 3 GCSE papers.