

Year 11 Parents' Workshop

Preparing for the Maths GCSE – the
mocks and the real thing

The 'One Stop Shop'...

MATHS

Maths VLE

Online Textbooks

Past Papers & Pract...

PiXL Maths App

PiXL Times Tables A...

MathsGenie

MyMaths

CorbettMaths

The 'One Stop Shop'...

MATHS

Maths VLE

Online Textbooks

Past Papers & Pract...

PiXL Maths App

PiXL Times Tables A...

MathsGenie

MyMaths

CorbettMaths



Rob Power

 r.power@tgs.starmat.uk ▼

Enter your password



[Forgot password?](#)

Next

English (United Kingdom) ▼

[Help](#)

[Privacy](#)

[Terms](#)



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used

My Drive > Maths Faculty > GCSE Preparation ▾



Folders



New GCSE (For Y...



Old GCSE



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used

My Drive > Maths Faculty > GCSE Preparation ▾



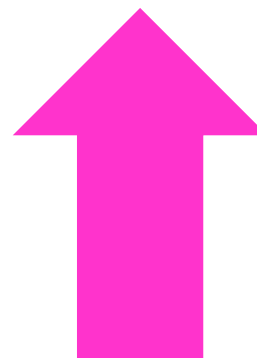
Folders



New GCSE (For Y...



Old GCSE





New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used

My Drive > Maths Faculty > GCSE Preparation ▾



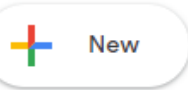
Folders



New GCSE (For Y...



Old GCSE



- ▶ My Drive
- ▶ Team Drives

- Shared with me
- Recent
- Starred
- Bin

Storage
35.3 GB used

Search Drive



My Drive > Maths Faculty > GCSE Preparation > New GCSE (For Year 11 2016/17 onwards) ▾



Folders



Foundation



Higher



Mini Papers



Other Exam boar...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > Maths Faculty > GCSE Preparation > New GCSE (For Year 11 2016/17 onwards) ▾



Folders



Foundation



Higher



Mini Papers



Other Exam boar...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > ... > New GCSE (For Year 11 2016/17 onwards) > Foundation ▾



Folders

Name ↑



All (8300) F Tier ...



JUNE 2017



NOV 2017



Set 1 Mark Sche...



Set 1 Papers



Set 2 Mark Sche...



Set 2 Papers



Set 3 Mark Sche...



Set 3 Papers



Set 4 Mark Sche...



Set 4 Papers



Specimen Mark s...



Specimen Papers ...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > ... > New GCSE (For Year 11 2016/17 onwards) > Foundation



Folders

Name ↑



All (8300) F Tier ...



JUNE 2017



NOV 2017



Set 1 Mark Sche...



Set 1 Papers



Set 2 Mark Sche...



Set 2 Papers



Set 3 Mark Sche...



Set 3 Papers



Set 4 Mark Sche...



Set 4 Papers



Specimen Mark s...



Specimen Papers ...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > ... > New GCSE (For Year 11 2016/17 onwards) > Foundation



Folders

Name ↑



All (8300) F Tier ...



JUNE 2017



NOV 2017



Set 1 Mark Sche...



Set 1 Papers



Set 2 Mark Sche...



Set 2 Papers



Set 3 Mark Sche...



Set 3 Papers



Set 4 Mark Sche...



Set 4 Papers



Specimen Mark s...



Specimen Papers ...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > ... > New GCSE (For Year 11 2016/17 onwards) > Foundation



Folders

Name



All (8300) F Tier ...



JUNE 2017



NOV 2017



Set 1 Mark Sche...



Set 1 Papers



Set 2 Mark Sche...



Set 2 Papers



Set 3 Mark Sche...



Set 3 Papers



Set 4 Mark Sche...



Set 4 Papers



Specimen Mark s...



Specimen Papers ...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > Maths Faculty > GCSE Preparation > New GCSE (For Year 11 2016/17 onwards) ▾



Folders



Foundation



Higher



Mini Papers



Other Exam boar...



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive >



New GCSE (For Year 11 2016/17 onwards) >

Mini Papers



Folders



Foundation



Higher



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive >



New GCSE (For Year 11 2016/17 onwards) >

Mini Papers ▾



Folders



Foundation



Higher



Drive

Search Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used

My Drive > ... > Mini Papers > Higher >



Files

Name



Higher – Paper A – Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper A - ...

Higher – Paper A – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper A N...

Higher – Paper A – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper A N...

Higher Paper A - C...

Higher Paper B - ...

Higher – Paper B – Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper B - ...

Higher Paper B N...

Higher – Paper B – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper B N...

Higher Paper C C...

Higher – Paper C – Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher Paper C C...

Higher – Paper C – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher – Paper D – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Higher – Paper D – Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)

Weight (in grams)	Frequency	Midpoint
60 <= x < 70	12	65
70 <= x < 80	34	75
80 <= x < 90	25	85
90 <= x < 100	10	95

Higher – Paper D – Calculator

Higher – Paper D – Non Calculator

Self-Assessment, which topics primarily identified from the questions on the paper) are you still not 100% confident with (Please then please write name)



Drive



New



My Drive



Team Drives



Shared with me



Recent



Starred



Bin



Storage

35.3 GB used



Search Drive



My Drive > Maths Faculty > GCSE Preparation > New GCSE (For Year 11 2016/17 onwards) ▾



Folders



Foundation



Higher



Mini Papers



Other Exam boar...

The 'One Stop Shop'...

MATHS

Maths VLE

Online Textbooks

Past Papers & Pract...

PiXL Maths App

PiXL Times Tables A...

MathsGenie

MyMaths

CorbettMaths

PiXL Maths App

Become confident. Become aware of your strengths and areas to develop.

Diagnose, Therapy and Test.

Get started

AVAILABLE PLATFORMS FOR THE GCSE MATHS APP



Welcome to the PMA

Please enter your school id

Please enter your userid

Please enter your password

Login

[Forgotten password?](#)

 Follow us

Take a test

Set tasks

Paper QLA

Scoreboard

1. Choose a topic 2. Choose a sub topic 3. Choose a PLC element

My Summary PLC Report

Success Line

Search For A Specific Question

Algebra

Geometry and Measure

Number

Probability

Ratio and Proportion

[Take a test](#)[Set tasks](#)[Paper QLA](#)[Scoreboard](#)

1. Choose a topic 2. Choose a sub topic 3. Choose a PLC element

Algebra

[Go back](#)

Algebraic fractions

All PLCs: 9/10

Change the subject

Equation of a circle

Equation of a straight line

Equations

Expand and simplify

Factorise

Take a test

Set tasks

Paper QLA

Scoreboard

Select 'Homework task' to set a task for a specific class
or select a pre-designed challenge.

Homework task

Arithmetic challenge

Maths in Science

Problem solving

Grade 1/2/3 challenge

Grade 4 challenge

Grade 5 challenge

Grade 6 challenge

The 'One Stop Shop'...

MATHS

Maths VLE

Online Textbooks

Past Papers & Pract...

PiXL Maths App

PiXL Times Tables A...

MathsGenie

MyMaths

CorbettMaths



Welcome to the PiXL TT App

Please note that you can use your Maths App login details.

Login

PiXL 

Results analysis

**KNOWLEDGE**



Practice (no time limit)

Begin activity

**TIME ATTACK**

Beat your best times!

Begin activity

 Earn trophies **THE CHECK**

25 timed questions

Begin activity

 Earn trophies **TROPHIES**

Your rewards system

View

**RAFT RUN**

Our competition!

Begin activity

End 'Knowledge test' and return to menu

Question 3 out of 25

$$6 \times 7$$

1

2

3

4

5

6

7

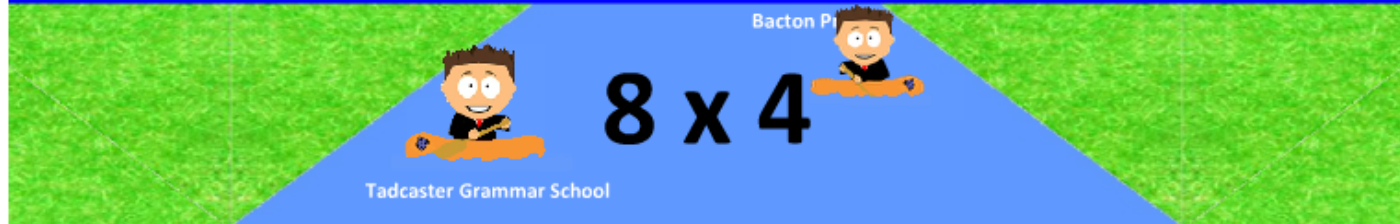
8

9

0

x

End 'Raft run' and return to menu



1

2

3

4

5

6

7

8

9

0

x

End 'Survival' game and return to menu

SURVIVAL

Question 8

Timer 1

$$-11 \times 7$$

70

77

-77

-70

Users in the competition: 1

The 'One Stop Shop'...

MATHS

[Maths VLE](#)

[Online Textbooks](#)

[Past Papers & Pract...](#)

[PiXL Maths App](#)

[PiXL Times Tables A...](#)

[MathsGenie](#)

[MyMaths](#)

[CorbettMaths](#)

Maths Genie

Home **GCSE Revision** A Level Revision New Spec A Level GCSE Exam Papers A Level Exam Papers Resources



[Year 1](#)
[Year 2](#)
[Year 3](#)
[Year 4](#)
[Year 5](#)
[Year 6](#)
[Year 7](#)
[Year 8](#)
[Year 9](#)
[Year 10](#)
[Year 11](#)
[Year 12+](#)

Welcome to Maths Genie

Maths Genie is free now, and it will always be free.

Maths Genie is a GCSE and A Level Maths revision guide and resource bank.

My aim is to teach maths online by providing video tutorials and practice questions.

The revision resources include:

Video tutorials of GCSE and A-Level topics

Practice exam style questions

Past GCSE Maths and A Level Maths papers with model solutions

If you find any mistakes, or if you have any feedback, please get in touch

Upcoming GCSE Exams:

Resit GCSE Paper 1 (Non Calculator): Tuesday 6th November 2018 (AM)

22d 20h 47m 29s

Resit GCSE Paper 2 (Calculator): Thursday 8th November 2018 (AM)

Resit GCSE Paper 3 (Calculator): Monday 12th November 2018 (AM)

GCSE Paper 1 (Non Calculator): Tuesday 21st May 2019 (AM)

GCSE Paper 2 (Calculator): Thursday 6th June 2019 (AM)

GCSE Paper 3 (Calculator): Tuesday 11th June 2019 (AM)

GCSE Statistics Paper 1: Thursday 13th June 2019 (PM)

GCSE Statistics Paper 2: Tuesday 18th June 2019 (AM)

GCSE Revision

1-9 GCSE revision videos, exam style questions and solutions.

For any exam questions which are taken from Edexcel papers: Pearson Education accepts no responsibility whatsoever for the accuracy or method of working in the answers given.

[The A*-E 2016 Specification](#)

For GCSE Maths I am using the Casio Scientific Calculator: [Casio FX-85GTPLUS Scientific Calculator](#)

If YouTube is blocked at your school you can access the videos using this link: [All GCSE Videos Unblocked](#)

Grade 1/2

Topic	Example(s)	Exam Questions	Solutions
Addition and Subtraction	<u>Revision</u>	<u>Addition and Subtraction</u>	<u>Solutions</u>
Multiplication and Division	<u>Revision</u>	<u>Multiplication and Division</u>	<u>Solutions</u>
Rounding	<u>Revision</u>		
Estimating	<u>Revision</u>		
Powers and Roots	<u>Revision</u>	<u>Powers and Square Roots</u>	<u>Solutions</u>
Factors and Multiples	<u>Revision</u>	<u>Factors, Multiples and Primes</u>	<u>Solutions</u>
Fractions of an Amount	<u>Revision</u>	<u>Fractions of an Amount</u>	<u>Solutions</u>
Fractions, Decimals and Percentages	<u>Revision</u>	<u>Fractions, Decimals and Percentages</u>	<u>Solutions</u>
Negative Numbers	<u>Revision</u>	<u>Negative Numbers</u>	<u>Solutions</u>
BIDMAS	<u>Revision</u>	<u>BIDMAS</u>	<u>Solutions</u>

Grade 7

Topic	Example(s)	Exam Questions	Solutions
Surds	Revision	Surds	Solutions
Bounds	Revision	Bounds	Solutions
Direct and Inverse Proportion	Revision	Direct and Inverse Proportion	Solutions
Quadratic Formula	Revision	Quadratic Formula	Solutions
Factorising Harder Quadratics	Revision	Factorising Harder Quadratics	Solutions
Algebraic Fractions	Revision	Algebraic Fractions	Solutions
Rearranging Harder Formulae	Revision	Rearranging Harder Formulae	Solutions
Harder Graphs: Trig/Exponential	Revision	Harder Graphs: Trig/Exponential	Solutions
Inverse and Composite Functions	Revision	Inverse and Composite Functions	Solutions
Iteration	Revision	Solving Equations using Iteration	Solutions
Finding the Area of Any Triangle	Revision	Finding the Area of Any Triangle	Solutions
The Sine Rule	Revision	The Sine Rule	Solutions
The Cosine Rule	Revision	The Cosine Rule	Solutions
3d Pythagoras	Revision	3d Pythagoras	Solutions
Histograms	Revision	Histograms	Solutions
Venn Diagrams ("Given that" questions)	Revision	Venn Diagrams	Solutions

Surds

Revision Notes



Simplifying Surds



Watch later



Share

Simplifying Surds



Surds Expanded and Simplified



Watch later



Share

$$(\sqrt{5} + 2)(\sqrt{5} - 2)$$

$$5 - 2\sqrt{5} + 2\sqrt{5}$$

Grade 7

Topic	Example(s)	Exam Questions	Solutions
Surds	Revision	Surds	Solutions
Bounds	Revision	Bounds	Solutions
Direct and Inverse Proportion	Revision	Direct and Inverse Proportion	Solutions
Quadratic Formula	Revision	Quadratic Formula	Solutions
Factorising Harder Quadratics	Revision	Factorising Harder Quadratics	Solutions
Algebraic Fractions	Revision	Algebraic Fractions	Solutions
Rearranging Harder Formulae	Revision	Rearranging Harder Formulae	Solutions
Harder Graphs: Trig/Exponential	Revision	Harder Graphs: Trig/Exponential	Solutions
Inverse and Composite Functions	Revision	Inverse and Composite Functions	Solutions
Iteration	Revision	Solving Equations using Iteration	Solutions
Finding the Area of Any Triangle	Revision	Finding the Area of Any Triangle	Solutions
The Sine Rule	Revision	The Sine Rule	Solutions
The Cosine Rule	Revision	The Cosine Rule	Solutions
3d Pythagoras	Revision	3d Pythagoras	Solutions
Histograms	Revision	Histograms	Solutions
Venn Diagrams ("Given that" questions)	Revision	Venn Diagrams	Solutions

1 Write $\sqrt{48}$ in the form $k\sqrt{3}$, where k is an integer.

.....
(Total for question 1 is 2 marks)

2 Write $\sqrt{50}$ in the form $k\sqrt{2}$, where k is an integer.

.....
(Total for question 2 is 2 marks)

Grade 7

Topic	Example(s)	Exam Questions	Solutions
Surds	Revision	Surds	Solutions
Bounds	Revision	Bounds	Solutions
Direct and Inverse Proportion	Revision	Direct and Inverse Proportion	Solutions
Quadratic Formula	Revision	Quadratic Formula	Solutions
Factorising Harder Quadratics	Revision	Factorising Harder Quadratics	Solutions
Algebraic Fractions	Revision	Algebraic Fractions	Solutions
Rearranging Harder Formulae	Revision	Rearranging Harder Formulae	Solutions
Harder Graphs: Trig/Exponential	Revision	Harder Graphs: Trig/Exponential	Solutions
Inverse and Composite Functions	Revision	Inverse and Composite Functions	Solutions
Iteration	Revision	Solving Equations using Iteration	Solutions
Finding the Area of Any Triangle	Revision	Finding the Area of Any Triangle	Solutions
The Sine Rule	Revision	The Sine Rule	Solutions
The Cosine Rule	Revision	The Cosine Rule	Solutions
3d Pythagoras	Revision	3d Pythagoras	Solutions
Histograms	Revision	Histograms	Solutions
Venn Diagrams ("Given that" questions)	Revision	Venn Diagrams	Solutions

- 1 Write $\sqrt{48}$ in the form $k\sqrt{3}$, where k is an integer.

$$\begin{array}{l} \sqrt{16} \sqrt{3} \\ 4 \sqrt{3} \end{array}$$

$$4\sqrt{3}$$

(Total for question 1 is 2 marks)

- 2 Write $\sqrt{50}$ in the form $k\sqrt{2}$, where k is an integer.

$$\begin{array}{l} \sqrt{25} \sqrt{2} \\ 5\sqrt{2} \end{array}$$

$$5\sqrt{2}$$

(Total for question 2 is 2 marks)

The 'One Stop Shop'...

MATHS

Maths VLE

Online Textbooks

Past Papers & Pract...

PiXL Maths App

PiXL Times Tables A...

MathsGenie

MyMaths

CorbettMaths



tadcaster

.....

Log in

Home

Primary

Secondary

Parents

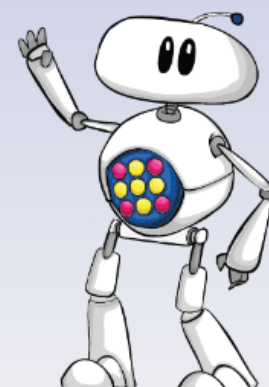
Subscribe

FAQs

News

Welcome to MyMaths

Take a look around to find out more about the site, or book on to one of our webinars



Library

The MyMaths library contains lessons and online homework tasks for all of your KS3 and GCSE topics - everything from adding simple numbers and recognising shapes to plotting vectors and trigonometry.

Choose a strand on the left then use the main page to find the correct topic.

You can filter by legacy National Curriculum level or the new GCSE exam tiers to narrow the menu down.

You can use the search box to search by name for a topic.

Algebra

Filter: Everything

Algebraic manipulation

Coordinates

Equations - linear

Equations - quadratic

Equations - simultaneous

Expressions and formulae

Graphs

Inequalities

4 Equations 1 – one-step

Solving equations with one operation, using function machines and then inverse operations.

Lesson



Online homework



5 Equations 2 – multi-step

6 Equations 3 – both sides

6 Equations 4 – brackets

8 Equations 5 – fractions

f

f

fh

fh

h

Here are some more examples with different operations.
Click on an equation to see the solution.

$$x + 7 = 21$$

$$x - 7 = 5$$

$$5x = 40$$

$$x \div 6 = 8$$

$$x + 7 = 21$$

$$x \longrightarrow + 7 \longrightarrow 21$$

$$x \longleftarrow - 7 \longleftarrow 21$$

$$x = 21 - 7$$

$$= 14$$

Algebra

Filter: Everything

Algebraic manipulation

Coordinates

Equations - linear

Equations - quadratic

Equations - simultaneous

Expressions and formulae

Graphs

Inequalities

4 Equations 1 – one-step

Solving equations with one operation, using function machines and then inverse operations.

Lesson



Online homework



5 Equations 2 – multi-step

6 Equations 3 – both sides

6 Equations 4 – brackets

8 Equations 5 – fractions

f

f

fh

fh

h



Online Homework

Equations 1 - one-step

Q1 Q1 - Addition and subtraction

Solve these equations:

0
11

$$n + 2 = 5 \quad n = \boxed{} \quad [1]$$

$$y - 6 = 10 \quad y = \boxed{} \quad [1]$$

$$7 = m + 1 \quad m = \boxed{} \quad [1]$$

$$t + 12 = 26 \quad t = \boxed{} \quad [2]$$

$$q - 8 = 9 \quad q = \boxed{} \quad [1]$$

$$15 + g = 23 \quad g = \boxed{} \quad [2]$$

Q2

0
11

No calc



Total

0
22

A centre seat costs £20 less than an aisle or window seat. A window or aisle seat costs a and a centre seat costs £366.

Complete the equation that describes this. $\pounds \boxed{} = a - \pounds \boxed{} \quad [1]$

How much does an aisle or window cost (a)? $a = \pounds \boxed{} \quad [2]$




Mark it

MyMaths - Bringing maths alive

https://app.mymaths.co.uk/myportal/library/9/intro/revision-and-assessment

AppsTGS-SystemsBookmarksDon Steward mathemCore Maths SupportGCSE EXAM QUESTIOGCSE Maths (9-1) ExaAQA All About MathsJust Maths HIGHER q

 **MyMaths.co.uk**
Bringing maths alive

Assessment ManagerHelpLog out

Search

My portal

boosttadca.....Log in?

Classic MyMaths

Revision and assessment

GCSE booster pack: grades 3 and 4

GCSE booster pack: grades 4 and 5

GCSE booster pack: grades 6 and 7

GCSE booster

Revision and assessment

These booster packs will help you **assess** what you know and **revise** the topics you are not sure about. Find out from your teacher which pack is best for you.

Test yourself with the **worksheet** and use the **revision lesson** to go over any areas you find difficult. If you need to go deeper into a particular topic, you can use the supporting lessons and homework tasks.

Make sure you are logged in to My Portal to save your scores and track your progress.

Choose your booster pack on the left then choose a topic to get started.

MyMaths - Bringing maths alive x +

https://app.mymaths.co.uk/myportal/library/9/246/2459#collapse3

Apps TGS-Systems Bookmarks Don Steward mathem Core Maths Support GCSE EXAM QUESTIO GCSE Maths (9-1) Exa AQA All About Maths Just Maths HIGHER q

MyMaths.co.uk
Bringing maths alive

Assessment Manager Help Log out

Search... Search

My portal boosttadca Log in ?

Classic MyMaths

Revision and assessment



GCSE booster pack: grades 3 and 4

GCSE booster pack: grades 4 and 5

GCSE booster pack: grades 6 and 7

GCSE booster

GCSE booster pack: grades 4 and 5

Calculations	G45	Assessment: Fractions, percentages worksheet (4 and 5)	
Factors, powers, roots	G45	Revision: Fractions, percentages (4 and 5)	
Fractions, percentages	G23	Multiplying fractions	f
Measures, estimation		Multiplying one fraction by another.	
Algebra		Lesson  Online homework 	
Formulae, functions	G23	Dividing fractions	f
Linear equations	G23	Mixed numbers	f
Quadratic equations			
Simultaneous equations			

GCSE booster pack: grades 4 and 5

Calculations

Factors, powers, roots

Fractions, percentages >

Measures, estimation

Algebra

Formulae, functions

Linear equations

Quadratic equations

Simultaneous equations

G45

Assessment: Fractions, percentages worksheet (4 and 5)



Four pages of questions to test your understanding. Good luck!

Worksheet



G45

Revision: Fractions, percentages (4 and 5)



G23

Multiplying fractions



G23

Dividing fractions



G23

Mixed numbers



The 'One Stop Shop'...

MATHS

[Maths VLE](#)

[Online Textbooks](#)

[Past Papers & Pract...](#)

[PiXL Maths App](#)

[PiXL Times Tables A...](#)

[MathsGenie](#)

[MyMaths](#)

[CorbettMaths](#)

Corbettmaths | Videos, worksheets x +

← → ↻ 🏠 🔒 https://corbettmaths.com


📱 Apps 📁 TGS-Systems ★ Bookmarks 🌐 Don Steward mathen 📺 Core Maths Support 📖 GCSE EXAM QUESTIONS 🎓 GCSE Maths (9-1) Exa

Menu ▾ Search

Corbettmaths

Videos, worksheets, 5-a-day and much more

Welcome



5-a-day

Videos

Worksheets

Corbettmaths

Videos, worksheets, 5-a-day and much more

[Welcome](#)[Videos and Worksheets](#)[Primary](#)[5-a-day](#)[More](#)[Revision Cards](#)

5-a-day



5-a-day GCSE 9-1

5-a-day GCSE A*-G

5-a-day Core 1

5-a-day Primary

Corbettmaths

Videos, worksheets, 5-a-day and much more

[Welcome](#)[Videos and Worksheets](#)[Primary](#)[5-a-day](#)[More](#)[Revision Cards](#)

5-a-day GCSE 9-1

5-a-day GCSE 9-1

Numeracy – broadly designed for students aiming for Grades 1, 2 and 3.

Foundation – broadly designed for students aiming for Grades 3 and 4.

Foundation Plus – broadly designed for students aiming for Grades 4, 5 and 6.

Higher – broadly designed for students aiming for Grades 6 and 7.

Higher Plus – broadly designed for students aiming for Grades 8 and 9.

January

1st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
2nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
3rd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
4th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
5th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
6th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus



Name: _____

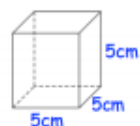
5-a-day

Foundation

1st January



Corbettmaths



Work out the volume of the cube.
State the units of your answer.



What type of correlation is shown?

$$\frac{3}{4} - \frac{1}{3}$$

$$\frac{3}{4} + \frac{4}{7}$$

Jam is made from sugar and strawberries in the ratio 3:5.

A jar contains 150g of sugar.

How many grams of strawberries are in the jar?

How many grams of jam are in the jar?



Calculate the area of the trapezium

5-a-day GCSE 9-1

Numeracy – broadly designed for students aiming for Grades 1, 2 and 3.

Foundation – broadly designed for students aiming for Grades 3 and 4.

Foundation Plus – broadly designed for students aiming for Grades 4, 5 and 6.

Higher – broadly designed for students aiming for Grades 6 and 7.

Higher Plus – broadly designed for students aiming for Grades 8 and 9.

January

1st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
2nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
3rd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
4th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
5th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
6th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
7th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
8th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
9th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
10th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus

Answers - January

Corbettmaths

Videos, worksheets, 5-a-day and much more

[Welcome](#)[Videos and Worksheets](#)[Primary](#)[5-a-day](#)[More](#)[Revisio](#)

➔ [Home](#) > [answers](#) > January Answers

January Answers



October 26, 2016



corbettmaths

Answers

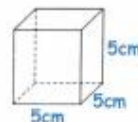
1st January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
2nd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
3rd January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
4th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
5th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus
6th January	Numeracy	Foundation	Foundation Plus	Higher	Higher Plus

Name: Answers

5-a-day

Foundation

1st January



Work out the volume of the cube.
State the units of your answer.

$$5 \times 5 \times 5 \\ = 125 \text{ cm}^3$$



What type of correlation is shown?

negative correlation

$$\frac{3}{4} - \frac{1}{3}$$

$$= \frac{9-4}{12} = \frac{5}{12}$$

$$\frac{3}{4} + \frac{4}{7}$$

$$= \frac{21+16}{28} = \frac{37}{28} = 1\frac{9}{28}$$

Jam is made from sugar and strawberries in the ratio 3:5.

A jar contains 150g of sugar.

$$\begin{array}{l} \text{Su:St} \\ 3:5 \\ 150\text{g} \end{array}$$

How many grams of strawberries are in the jar?

$$5 \times 50 = 250\text{g}$$

How many grams of jam are in the jar?

$$250 + 150 = 400\text{g}$$



Calculate the area of the trapezium

$$\begin{aligned} & \frac{1}{2} (4+8) \times 5 \\ & = \frac{1}{2} \times 12 \times 5 \\ & = 30 \text{ cm}^2 \end{aligned}$$

Corbettmaths | Videos, worksheets

https://corbettmaths.com

Apps TGS-Systems Bookmarks Don Steward mathen Core Maths Support GCSE EXAM QUESTIONS GCSE Maths (9-1) Exa

Menu

Search

Corbettmaths


Videos, worksheets, 5-a-day and much more

Welcome

5-a-day

Videos

Worksheets



Videos and Worksheets

Videos and Worksheets

Click here for answers

Common marking codes for teachers [Marking codes](#)

2D shapes: names [Video 1](#) [Practice Questions](#) [Textbook Exercise](#)

2D shapes: quadrilaterals [Video 2](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: names [Video 3](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: nets [Video 4](#) [Practice Questions](#) [Textbook Exercise](#)

3D shapes: vertices, edges, faces [Video 5](#) [Practice Questions](#) [Textbook Exercise](#)

Addition: column method [Video 6](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: changing the subject [Video 7](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: changing the subject advanced [Video 8](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: collecting like terms [Video 9](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: completing the square [Video 10](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: dividing terms [Video 11](#) [Practice Questions](#) [Textbook Exercise](#)

Algebra: equation of a circle [Video 12](#) [Practice Questions](#) [Textbook Exercise](#)