

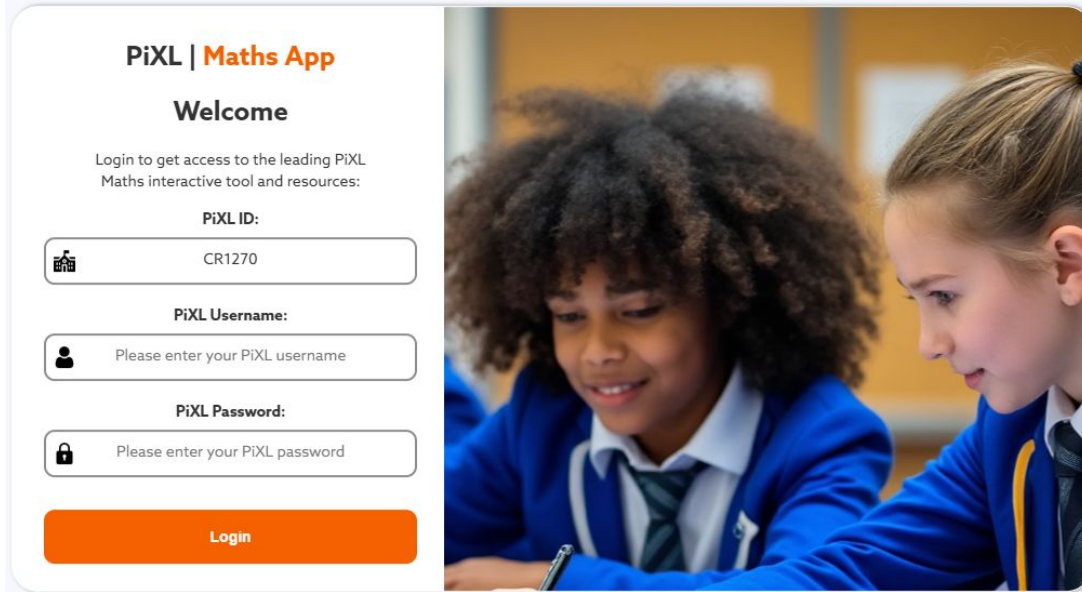
Year 11 Revision Evening

Mr Hollman/Mr Thatcher

Trust, Inclusivity, Resilience, Aspiration



QLA- Question Level Analysis




The image shows a screenshot of the PiXL Maths App login interface on the left and a photograph of two students in school uniforms on the right. The login screen has a white background with the PiXL logo and 'Maths App' in orange. It includes a 'Welcome' message, a login prompt, and fields for PiXL ID, Username, and Password, each with a corresponding icon (ID card, person, and lock respectively). An orange 'Login' button is at the bottom. The photograph shows two students, a boy and a girl, both wearing blue school jackets, looking down at a book or paper they are holding together.

PiXL | Maths App


Welcome

Login to get access to the leading PiXL Maths interactive tool and resources:


PiXL ID:

 CR1270

PiXL Username:

 Please enter your PiXL username

PiXL Password:

 Please enter your PiXL password

Login

Following the mock exams all students have inputted their results into the PiXL Maths App.

This is available online for students to use both in and outside of school to aid their revision.

Login Details have been shared with your children and we can share with you too.

E.g.

School ID: CR1270

Username: HOLLMANO

Password: HOLLMAN123RANDOM



HOME



TESTS



LEVEL UP



SCORES

QLA



MANAGE

The main menu looks like this:



HOME



TESTS



LEVEL UP



SCORES

QLA



MANAGE

Click on QLA

Paper QLA

Use this facility to search for a template and analyse written paper performance:

EDEXCEL Jun 25



Search results (7 templates found):

Edexcel Jun 25 P1 F

Edexcel

11

Edexcel Jun 25 P1 H

Edexcel

11

Edexcel Jun 25 P2 F

Edexcel

11

Edexcel Jun 25 P2 H

Edexcel

11

Edexcel Jun 25 P3 F

Edexcel

11

Edexcel Jun 25 P3 H

Edexcel

11

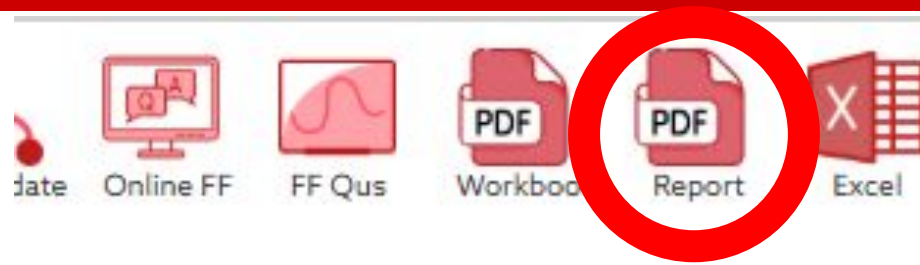
Edexcel June 2025 F P1

Edexcel

11

In the search bar- search
EDEXCEL Jun 25.

Select the appropriate tier.



Select the button that says report, which will create a list of topics that students need to focus on.

Qu & id	Skill	RAG	Score	Total
1 (N07)	Find the HCF or LCM of 2 numbers	G	2	2
2a (P05)	Complete a table of the likelihood of outcomes of a mutually exclusive event where 2 of the outcomes are equally likely	G	3	3
2b (P06)	Use relative frequency to calculate the expected frequency	G	2	2
3a (A16)	Complete a table of coordinate pairs for quadratics $y=x^2+bx+c$ or cubics $y=x^3+bx^2+d$	G	2	2
3b (A16)	Draw a quadratic $y=ax^2+c$ or cubic $y=ax^3+cx$ function	A	1	2
3c (A06)	All quadrants	R	0	1
4a (R05)	Combine 2 separate ratios comparing different quantities and problem solve when interpreting the resulting ratio	G	4	5
4b	Understand the impact on a ratio of variables changing	R	0	1
5 (N54)	Add and subtract numbers written in standard form with different powers of 10	G	3	3
6 (G11)	Use an interior angle of a regular n-sided polygon to calculate the number of sides	R	1	4
7a (A04)	Simplify	G	1	1
7b (A43)	Solve a 2 step inequality where x has a positive coefficient	A	2	3
7c (A43)	Solve a compound inequality in the form of $a<bx+c<d$	R	0	2
8a (G19)	Are two given shapes similar?	R	0	2
8b (G19)	Use a scale factor to find an unknown side (harder)	G	3	3
9a (G13)	Rotate a shape about a point	G	2	2
9b (G16)	Enlarge a shape by a negative scale factor	G	2	2
10 (A02)	Show that a harder expression is a even, odd, multiple of or factor of a number	R	0	3
11 (R11)	Direct proportion non linear model	R	2	5
12ai (A13)	Calculate a rate of change at a point	R	0	3
12aii (A13)	Analysing the meaning of the rate of change	R	0	1
12b (A18)	Estimate the area under a graph (quadratic)	R	0	3
13 (N18)	Convert a recurring decimal to a fraction (harder)	G	4	5

This report will give students a clear indication of which topics they need to focus on.

Green topics, they achieved well in.

Amber topics, they scored partial marks.

Red topics are the ones in which students should focus their revision on.

ration

BUT HOW?

On PIXL



Online FF

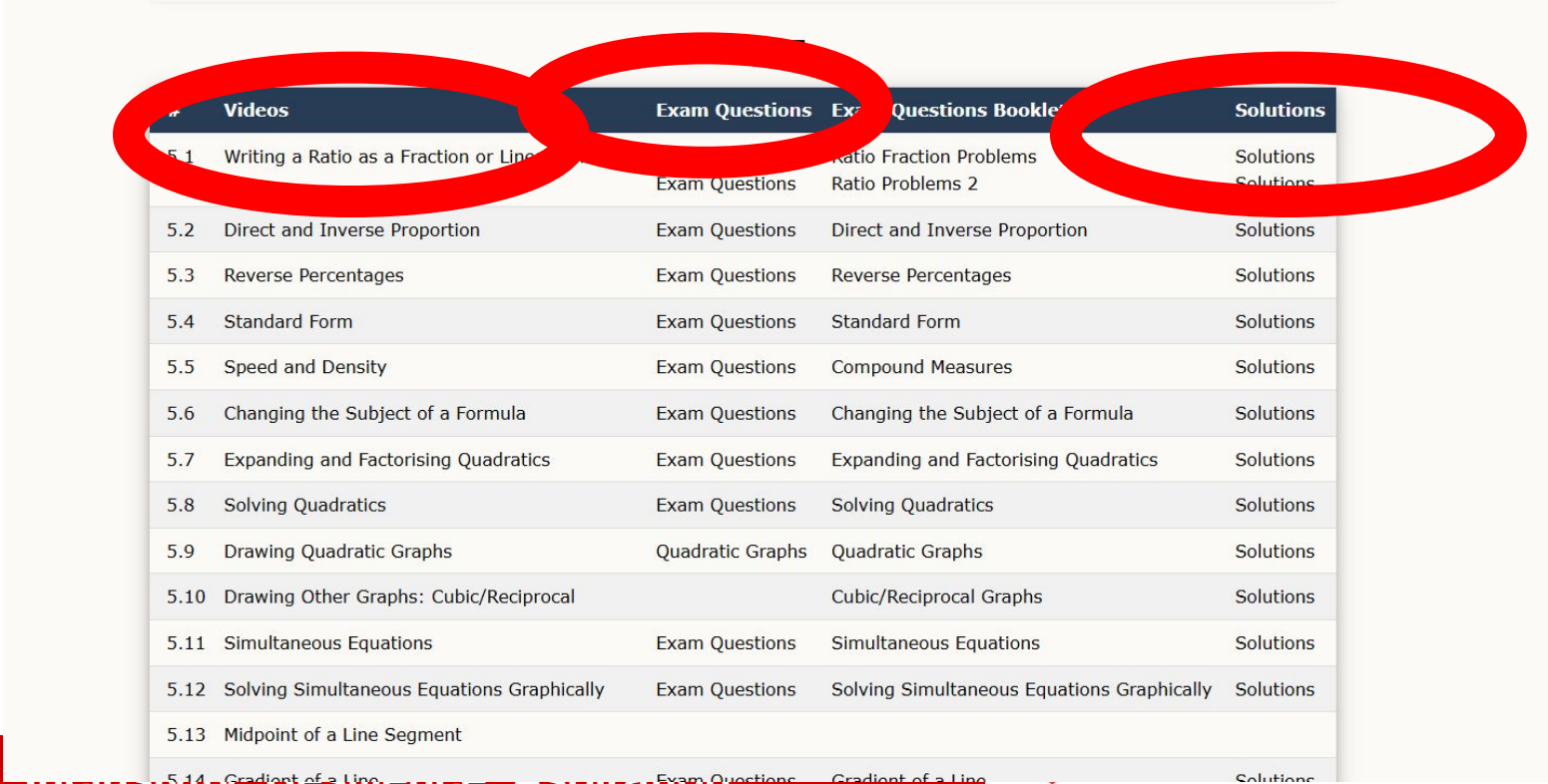


FF Qus



Workbook

Maths Genie



Videos	Exam Questions	Exam Questions Booklet	Solutions
5.1 Writing a Ratio as a Fraction or Line	Exam Questions	Ratio Fraction Problems Ratio Problems 2	Solutions Solutions
5.2 Direct and Inverse Proportion	Exam Questions	Direct and Inverse Proportion	Solutions
5.3 Reverse Percentages	Exam Questions	Reverse Percentages	Solutions
5.4 Standard Form	Exam Questions	Standard Form	Solutions
5.5 Speed and Density	Exam Questions	Compound Measures	Solutions
5.6 Changing the Subject of a Formula	Exam Questions	Changing the Subject of a Formula	Solutions
5.7 Expanding and Factorising Quadratics	Exam Questions	Expanding and Factorising Quadratics	Solutions
5.8 Solving Quadratics	Exam Questions	Solving Quadratics	Solutions
5.9 Drawing Quadratic Graphs	Quadratic Graphs	Quadratic Graphs	Solutions
5.10 Drawing Other Graphs: Cubic/Reciprocal		Cubic/Reciprocal Graphs	Solutions
5.11 Simultaneous Equations	Exam Questions	Simultaneous Equations	Solutions
5.12 Solving Simultaneous Equations Graphically	Exam Questions	Solving Simultaneous Equations Graphically	Solutions
5.13 Midpoint of a Line Segment			
5.14 Gradient of a Line	Exam Questions	Gradient of a Line	Solutions

Or...

Dr Frost

Menu

Dr Frost **MATHS**



Demo 8cd/Ma3 Student ▾



Demo 8cd/Ma3 Student

Crestwood Community School



Trophies

0/37



Points this year

0



Mastery

0

0

0

What to work on next?

Start a Practice

Review Progress

Your course



Year 11 F Scheme of Work 25/26

My Homework

Review all

Notifications



You have **161** unfinished homework tasks



You have been set a task by your teacher Mr S Thatcher. Click to start it.

Task 1 - Yr 11

3 hours ago



You have been set a task by your teacher Mr S Thatcher. Click to start it.

Task 2 - Yr 11

3 hours ago



You have been set a task by

Dr Frost

↑ Courses

Crestwood Community School →
SoL Year 11 F Scheme of Work 25/26

▼ Autumn & Spring 8 units

Quadratics 1

Similarity and Congruence

Quadratics 2

Circles & Cylinders

Fractions and Reciprocals

Indices and Standard Form

Vectors

Rearranging Equations and
Simultaneous Equations

Crestwood Community School → Year 11 F Scheme of Work 25/26 → Autumn & Spring →

Quadratics 1

View in old courses experience

Unit skills

☐ 200 Solving equations involving integer powers or roots

Mastery: 0/100

OR NARROW DOWN

VIDEO DIFFICULTY RECENT
ACCURACY

☐ **200:** Exam Practice: Solving equations involving integer powers and their roots as inverses

Example

1-4

☐ **200a:** Solve a one-step equation involving a variable squared.

Example



1

Your selection

Select topics using the tree then select a mixture of wh skills or the subskills within them.

Practise

Dr Frost



200a: Solve a one-step equation involving a variable squared.

Solve

$$16 = p^2$$

$p =$

or

$p =$

Submit Answer

200(a) Solve a one-step equation involving a variable squared.

df. 200a

Solve $x^2 = 9$

$\sqrt{} \downarrow \quad \downarrow \sqrt{}$

$x = 3$

Watch on YouTube

Having trouble playing this video?

200 Solving equations involving integer powers or roots

Mastery: 0/100

OR NARROW DOWN

VIDEO

DIFFICULTY

RECEIVED
ACCURACY

☐ **200:** Exam Practice: Solving equations involving integer powers and their roots and inverses

Example

1-4

☐ **200a:** Solve a one-step equation involving a variable squared.

Example



1

☐ **200b:** Solve a one-step equation involving a variable cubed.

Example



1

☐ **200c:** Solve a one-step equation involving a power of a variable where the power is 4 or above.

Example



1

On Maths

Predicted Papers

Half Prediction

Higher GCSE

Foundation GCSE

Demon

Mini Mocks

Trust, Inclusivity, Resilience, Aspiration

Raise your grade

Higher GCSE

All strands



Search papers

Add And Subtract Algebraic Fractions (Higher)

All · Algebra · Algebraic fractions · Add and subtract algebraic fractions

Grade 1 2 3 4 5 6 7 8 9

Add and Subtract Fractions (Higher)

All · Number · Fractions · Add and Subtract Fractions

Grade 1 2 3 4 5 6 7 8 9

Algebraic Indices Involving Brackets (Higher)

All · Algebra · Algebraic indices · Algebraic indices with brackets

Grade 1 2 3 4 5 6 7 8 9

Angle Properties (Higher)

All · Geometry and measures · Angles · Angle Properties

Grade 1 2 3 4 5 6 7 8 9

Angles With Algebra (Higher)

All · Geometry and measures · Angles · Angles With Algebra

Grade 1 2 3 4 5 6 7 8 9

Applying Circle Theorems (Higher)

All · Geometry and measures · Circle Theorems · Applying Circle Theorems

Grade 1 2 3 4 5 6 7 8 9

Area and Circumference of Circle (Higher)

All · Geometry and measures · Circles · Area of Circle

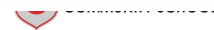
Grade 1 2 3 4 5 6 7 8 9

Area Scale Factors (Higher)

All · Geometry and measures · Similarity And Congruence · Area Scale Factors

Grade 1 2 3 4 5 6 7 8 9

Trust, Inclusivity, Resilience, Aspiration



Raise your grade

Higher GCSE

All strands



Search papers

Add And Subtract Algebraic Fractions (Higher)

All · Algebra · Algebraic fractions · Add and subtract algebraic fractions

Add and Subtract Fractions (Higher)

All · Number · Fractions · Add and Subtract Fractions

Algebraic Indices Involving Brackets (Higher)

All · Algebra · Algebraic indices · Algebraic indices with brackets

Angle Properties (Higher)

All · Geometry and measures · Angles · Angle Properties

Angles With Algebra (Higher)

All · Geometry and measures · Angles · Angles With Algebra

Applying Circle Theorems (Higher)

All · Geometry and measures · Circle Theorems · Applying Circle Theorems

Area and Circumference of Circle (Higher)

All · Geometry and measures · Circles · Area of Circle

Area Scale Factors (Higher)

All · Geometry and measures · Similarity And Congruence · Area Scale Factors

grade

Geometry and measures



All strands

Algebra

Geometry and measures

Number

Statistics and Probability

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

Grade

1 2 3 4 5 6 7 8 9

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Department of Education

Maths GCSE

Expand/Factorise ($x^2 + bx + c$) (Higher)

Algebra - Quadratics - Factorise ($x^2 + bx + c$)

All

www.onmaths.com

Information

- Make sure you check our tutorial on how to answer each question.
- For essays, you will need to move sentences around to create the best possible answer.
- This site, and all that work on it, have no affiliation or relationship with any exam board.
- This site is not endorsed by any company or charity, unless we state otherwise.

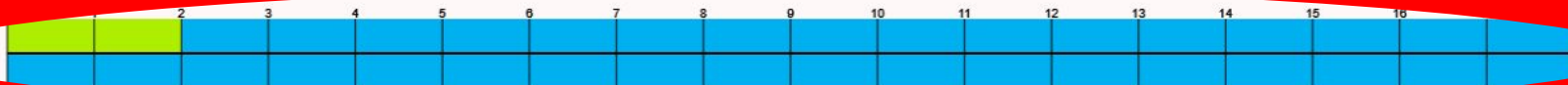
Advice

- Click 'Mark' to mark your answer, once a question is marked, it cannot be edited.
- The questions must be done in order, from Q1 onwards.
- Each question will change subtly every time you take this test.
- Your mark for the paper will only save if you are logged in AND you fully complete the paper.

Start Paper

Trust, Inclusivity, Resilience, Aspiration





Q1

Expand and simplify

$$(x + 5)(x + 6)$$

(0 out of 2 marks)

Answer area

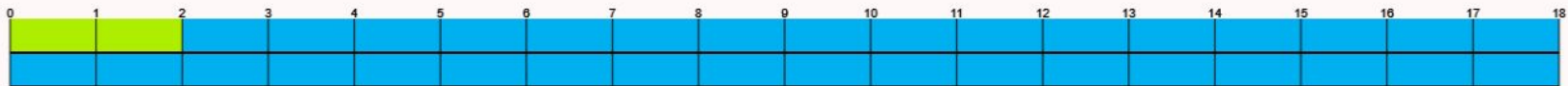


Your answer Correct answer

$$x^2 + 11x + 30$$

a = 11

b = 30



 Annotations

Expand and simplify

$$(x + 5)(x + 6)$$

(0 out of 2 marks)

Answer area

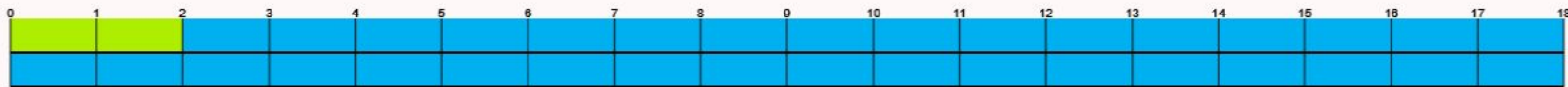


Your answer Correct answer

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▶ Q1

 Annotations

Expand and simplify

$$(x + 5)(x + 6)$$

(0 out of 2 marks)

Answer area



Your answer Correct answer

$$x^2 + 11x + 30$$

a = 11

b = 30

What does a maths GCSE paper look like?

- 3 papers.
- 1 non-calculator, 2 calculator
- Each paper is 80 marks
- 90 minutes
- ANY topic could come up

Any questions?