

Year 11 Revision Evening

Mr Hollman/Mr Thatcher

Trust, Inclusivity, Resilience, Aspiration

QLA- Question Level Analysis

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.

Trust, Inclusivity, Resilience, Aspiration

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



MANAGE



QLA

Click on QLA

Trust, Inclusivity, Resilience, Aspiration

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.

Trust, Inclusivity, Resilience, Aspiration



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?



Online FF



FF Qus



Workbook

On PIXL

Trust, Inclusivity, Resilience, Aspiration

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...

Trust, Inclusivity, Resilience, Aspiration

Dr Frost

Menu

Dr Frost MATHS

Search

Demo 8cd/Ma3 Student

 **Demo 8cd/Ma3 Student**
Crestwood Community School

Trophies: 0/37 Points this year: 0 Mastery: 0 0 0 0

What to work on next?

[Start a Practice](#)

[Review Progress](#)

Your scheme of work

 [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

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 whole skills or the subskills within them.

Practise

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 $x^2 = 9$

$\sqrt{x} \downarrow \sqrt{9}$

$x = 3$



Watch on YouTube

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 or 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 Predictio...

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

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

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

Trust, Inclusivity, Resilience, Aspiration

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

2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Q1



Expand and simplify

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

(0 out of 2 marks)

Answer area

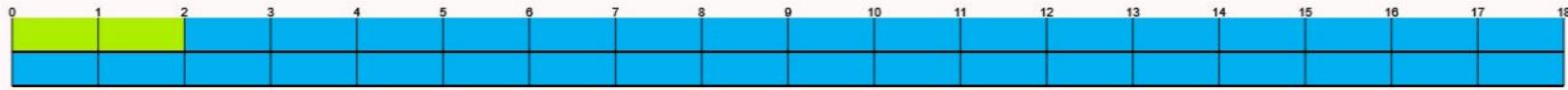


Your answer Correct answer

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

a = 11

b = 30



Expand and simplify

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

(0 out of 2 marks)

Answer area

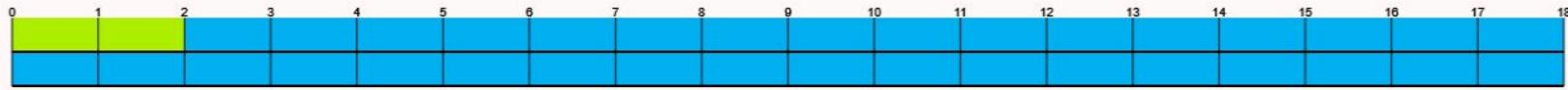


Your answer Correct answer

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

a = 11

b = 30



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?

Trust, Inclusivity, Resilience, Aspiration

