

Getting Ready For

A-LEVEL MATHEMATICS

Name

A-LEVEL MATHEMATICS

ALGEBRA REQUIRED FOR A-LEVEL

Summer 2025

We are delighted you have chosen to study Mathematics at Worthing College.

Instructions: This pack will help you make the best possible start to studying this subject.

The tasks in this pack:

- should take you about 4 hours to complete.
- should be handed into your teacher when teaching starts *from Monday 8th September* with your name on it for assessment (cover sheet at end of this document).
- are available on the internet follow the links in the document.

If you need help: The tasks are designed to get a bit more difficult as you work through them as they are preparing you for studying at a higher level and to become an effective independent learner. You should try to get as far as you can working on your own but if you do need help, please email us at <u>d.collier@worthing.ac.uk</u>, telling us which task you are working on and what help you need. Help is available throughout the summer holidays.

Skills Focus for this Getting Ready for Pack					
The ability to choose the correct	GCSE subject knowledge, including:				
method to solve a problem.	 Algebra 				
Your quality of English	 Surds 				
communication when a written	 Solving Quadratics 				
answer is required.	 Solving Simultaneous Equations 				
Clarity of mathematical	 Pythagoras 				
communication – how well you show	• Trigonometry				
your workings and lay out your work.					
Accuracy of numerical calculations.					
Marking and correcting your work,					
revising any topics you have					
forgotten.					

Textbooks: You should have your own set of Pearson textbooks for the course.

Books you will need for year 1:

Pure Mathematics Year 1/AS – ISBN: 978-1292183398 Statistics & Mechanics Year 1/AS – ISBN: 978-1292232539

Summe	Summer work – Introduction to A-Level Mathematics					
Target	Type of	Task	Deadline			
Grade	task					
All	Revision	GCSE Questions	Week beginning			
	Questions	 Answer all of the questions (on lined paper) and bring your work to your first maths lesson. 	8th September			
		 Answers are provided so use a different coloured pen to mark and correct your work. 				
		There is also a Self-Assessment test which you should mark yourself.				
8 or 9 at GCSE	Worksheet	Extension Work (If you have a high GCSE grade you should certainly have a go at this) If you are not currently signed up to do Further Maths but would like to try some more challenging algebra, then have a look at this sheet of questions.	Week beginning 8th September			

Notes:

Clearly label all pages with your name and arrange them in the correct order. You do not need to print the question sheets although you may choose to do so for your own records. Please do not hand in the question sheets.

If you found these worksheets straightforward, have you considered signing up for Further Maths? It's not too late to sign up (subject to numbers). If you get an 8 or a 9 in your GCSE, ask about Further Maths at enrolment (you can do Further Maths as a 4th subject)

If you found these worksheets really challenging and weren't able to answer the self-assessment test you might want to consider the Maths in Context (Core Maths) course. Please ask for advice at enrolment.

Resources To Help You

For each of the topic areas, there are videos you can watch which will introduce the aspects of the topic and then give you the opportunity to try some questions. Even though these videos are online, you should have a pen and paper nearby for your working.

You can find these videos on Exam Solutions. Just go to the GCSE maths section and search for the topic you are interested in.

These resources are written assuming that you have already encountered all these topics in your GCSE course - they do not start from scratch. This should not be a problem, but if you are finding the level too hard you could go back to a GCSE revision book to help you get up to speed.

Work Placement Week

All students are required to participate in a **compulsory** week-long work placement. It is recommended that the placement chosen is either relevant to your course, or relevant to what your future career aspirations are.

Work placement form submission deadline				
All L2 and L3 students studying on	Date of work placement week	Deadline for returning completed form		
triple or double courses will be given their work placement week	Dec-25	24th October 2025		
dates by their course leaders when they start in September.	January / February 2026	24th October 2025		
The deadline to submit your	March / April 2026	19th December 2025		
placement forms are as follows:	May / June 2026	13th February 2026		
All students studying 2 or more single subjects will have the option of either carrying out their work placement during:	Date of work placement week	Deadline for returning completed form		
• February half term • Easter holidays	February half term (16th - 20th February)	Friday 24th October 2025		
• May half term • 22nd – 26th June 2026	Easter holidays (27th March - 13th April)	Friday 19th December 2025		
The deadline to submit your placement forms are as follows:	May half term (26th - 29th May)	Friday 13th February 2026		
	22nd – 26th June	Friday 1st May 2026		

Getting Ready For A-Level Maths

- Answer all the questions, on your own paper do not write on this sheet, there is not enough space.
- Do Not use a calculator except for Sections I, J & K
- You must show <u>full working</u> and set out your work <u>neatly</u>.
- Answers are provided so use a different coloured pen to mark and correct your work.

Revision and Practice

Section A - Fractions

(1)
$$\frac{3X}{4} \times 5$$
 (2) $\frac{2}{X} + \frac{3}{X^2}$ (3) $\frac{3X}{2} \div 5$

Section B - Indices

(1) Evaluate the following:

(a)	2 ⁻⁶	(d)	4 ²
(b)	$9^{-(\frac{1}{2})}$	(e)	3 32 ⁵
(c)	$81^{-(\frac{1}{4})}$	(f)	$16^{-(\frac{7}{4})}$

(2) Write the following expressions in the form ax^n . For expressions (c) - (g) your answer will be in the form $ax^n + bx^n$

(a)
$$\frac{X}{\Omega}$$

(b) $\frac{\sqrt{X}}{3X^2}$
(c) $\frac{2\sqrt{X}+4}{X^2}$
(d) $\frac{1-4x}{4x^3}$
(e) $\frac{X^2-3}{\sqrt{X}}$
(f) $\frac{2+\sqrt{X}}{\sqrt{X}}$
(g) $\frac{\sqrt{X}+6}{3X^2}$

(3) Solve the following equations

(a)
$$x^{(\frac{2}{3})} = 9$$
 (b) $x^{\frac{2}{5}} = 4$ (c) $x^{\frac{3}{4}} = \frac{1}{27}$

Section C - Surds

(1) Simplify into the form $a\sqrt{b}$

(a) √27	(b) √ <u>45</u>	(c) √12	(d) √ <u>48</u>	(e) √75
(f) $\frac{\sqrt{12}}{2}$	(g) <u>√रि</u> ़ 7	(h) √1. √2	(i) $\frac{\sqrt{27}}{3}$	
(j) √12 + 3√75	(k) √200 + √18	- 2\/72	(I) √ <u>20</u> + 2√ <u>45</u>	- 3√ <u>80</u>

Section D - Factorising Quadratics

Factorise the following: (Hint - difference of two squares for questions 1-4)

(1) $x^2 - 1$	(2) $49 - x^2$	(3) x ² - 16	(4) $36 - 25x^2$
(5) $x^2 - 2x - 15$	(6) $x^2 - 5x - 6$	(7) $2x^2 + 6x$	(8) 2x ² + 5x + 2
(9) 2x ² + 7x + 6	(10) 2x ² + 9x - 5		

Section E - Completing the Square

Write the following in completed square form $(x + p)^2 + q$

(1) $x^2 + 8x + 7$ (2) $x^2 - 2x - 15$ (3) $x^2 - 3x$ (4) $x^2 + 6x + 10$ (5) $x^2 - 10x + 9$ (6) $x^2 + 12x + 100$

Section F - Solving Quadratic Equations

Solve these equations by factorising:

(1) $x^2 + 11x + 28 = 0$ (2) $x^2 + 3x = 0$ (3) $2x^2 + 3x - 14 = 0$

Solve the following quadratic equations using the quadratic formula and leave your answers in the form $a \pm b\sqrt{c}$

(4)
$$2x^2 + 4x + 1 = 0$$
 (5) $x^2 - 7x + 9 = 0$

Solve the following quadratic equations by completing the square:

(6) $x^2 + 2x - 6 = 0$ (7) $x^2 + 6x - 5 = 0$

Section G - Simultaneous Equations

(1) Solve these simultaneous equations. Decide whether you should add or subtract your equations.

(a) $2x + 6y = 68$	2x + 4y = 46
--------------------	--------------

- (b) 7w 3z = 58 5w + 3z = 62
- (c) 8x + 6y = 36 8x + 10y = 44

(2) For these, one or both equations may need to be multiplied first

- (a) 5x + 2y = 20 2x + 4y = 24
- (b) 3x + 2y = 26 4x y = 20
- (c) 2x + 9y = 69 x + 3y = 24

Section H – Pythagoras' Theorem

These should be straightforward. Do some revision if you have forgotten how to use Pythagoras' Theorem



Section I - Using Sin, Cos, Tan to find missing lengths (SOHCAHTOA) – CALCULATOR ALLOWED

These should be straightforward. Do some revision if you have forgotten how to do these. We will assume you know how to answer questions like this. Give your answers to 1 decimal place.

Find the length of the side marked x in each triangle.



These should be straightforward. Do some revision if you have forgotten how to do these. We will assume you know how to answer questions like this. Give your answers to 1 decimal place.



Section K - These questions involve use of the Sine Rule and the Cosine Rule. – CALCULATOR ALLOWED

These are more difficult so you may need to do some revision. Make sure you show all your working.

Fill in the gaps in the table below, using Sine Rule and Cosine Rule (show your working).

	S	Side lengt	hs	Angles			
	а	b	b c		В	С	
1	2.9 <i>cm</i>	6.1 <i>cm</i>			40°		
2	36 <i>cm</i>		21 <i>cm</i>	29.5°			
3	8.1 <i>cm</i>		4.7 <i>cm</i>		138°		



Section L – Problem Solving

(1)

The diagram shows a quadrilateral ABCD. The perimeter of the quadrilateral is 80cm.

AB is the same length as BC. Find the length of CD.



(2) A spinner can land on either a 10, 20 or 30

The table shows the probability that it lands on each value.

(3) Here is some data in a frequency table.

Find the mean of this data.

The spinner is spun twice. Find the probability that the total scored from the two spins is exactly 40.

Outcome	10	20	30
Probability	2x + 0.1	3x - 0.3	x

x	frequency
$\sqrt{20}$	6
$\sqrt{45}$	3
√ 80	1

(4) A 7 metre ladder rests against a wall. The ladder reaches 5.5 metres up the wall.

The ladder is then moved so that it now reaches 1 metre less than last time.

How much further is the base of the ladder now from the wall?

(5) Here are three number cards.



Find the mean of these numbers.

Another card is added.



The mean of all four cards is double the mean of the three cards. Find the value of a.

Section M – Extension

If you have found the work so far straightforward, then try these three questions. They are more challenging questions, so don't worry if you can't answer them.

(1) Simplify:

$$\frac{3}{164} \left(\frac{4x^2y^3z^2}{12x^3y} \right)^{-2} \frac{(3x^4y^3)^{12}}{(9x^{-2}yz)^4}$$

(2) Express the following in the form $\frac{a}{b}(c+d\sqrt{e})$

$$\frac{4}{2\sqrt{5} - \sqrt{3}} \times \frac{\sqrt{180} - \sqrt{27}}{\left(\sqrt{2} - \sqrt{5}\right)^2} \times 1\frac{9}{16}$$

(3) Given the area of PQT is 20 cm², find the obtuse angle QTS.



- Please mark all the above work in a different colour; the answers are later in this document.
- Please revise any topics that are causing you difficulty.
- Next complete the self- assessment test below.
- Mark it when you have finished, the answers are at the end of this document.

Self-Assessment Test

Instructions

- Answer the questions under exam conditions. No calculator allowed, except Q5 & Q6
- Mark your work, in a different coloured pen, using the answers provided.
- If you get a question wrong, you should do it again to show you understand where you went wrong.
- Write your mark (out of 40) clearly on the top of your work
- Do your work on your own A4 paper; do not hand in this printed sheet.
- Clearly label your work with your name



5. Calculate the size of the angle *BAC*;- CALCULATOR ALLOWED





Answers – Revision and Practice

Section A - Fractions

$(1) \frac{15x}{1}$	$(2) \frac{2X+3}{2}$	$(3) \frac{3x}{2}$
⁽¹⁾ 4	$(2) - \frac{1}{\chi^2}$	10

Section B – Indices

(1) (a) ¹ / ₆₄		(b) ¹ /	3		(c) ¹ / ₃			
(d) 32		(e) 8	3		(f) ¹ / ₁₂₈			
(2)								
(a) $\frac{1}{5}x$		(b) <u>1</u> 3	$x^{-\frac{3}{2}}$		(c) $\hat{a}^{2} = \frac{3}{2} + 1$	4 <i>x</i> ⁻²	(d) $\frac{1}{4} \chi$	$x^{-3} - x^{-2}$
(e) x ² -	$-3^{-\frac{1}{2}}$	(f) 🏖	$\frac{1}{2} + 1$		(g) $\frac{1}{3}x^{-\frac{3}{2}}$ +	2 <i>x</i> ⁻²		
(3)								
(a) $\pm \frac{1}{2}$.7 (k	o) ± 32		(c) ¹ /8	1			
<u>Section</u>	<u>ı C - Surds</u>							
(a) 3√3	3 (I	b) 3√5	(c) 2 ⁻	√3	(d) 4√3	(e) 5 ⁻	√3	(f) √3
(g) √2	(h) 3	(i) √3		(j) 17√3	(k) √2	2	(I) -4√5
Section	<u>n D - Facto</u>	rising Quadr	atics					
(1)	(x – 1)(x +	- 1)	(2)	(7 – x))(7 + x)	(3)	(x – 4)(:	x + 4)
(4)	(6 – 5x)(6	+ 5x)	(5)	(x + 3)	(x — 5)	(6)	(x – 6)(:	x + 1)
(7)	2x (x + 3)		(8)	(2x + 2	1)(x + 2)	(9)	(2x + 3)	(x + 2)
(10)	(2x – 1)(x	+ 5)						
<u>Section</u>	i E - Comp	leting the So	<u>uare</u>					
(1)	(x + 4) ² - 9	9	(2)	(x - 1)	² - 16	(3)	(x – 1.5) ² – 2.25
(4)	(x + 3) ² +	1	(5)	(x - 5)	² – 16	(6)	(x + 6) ²	+ 64
<u>Section</u>	n F - Solvin	g Quadratic	Equation	<u>15</u>				
(1)	<i>x</i> = –7 or	-4	(2)	<i>x</i> = 0 d	or –3	(3)	x = -7/2	or 2
(4)	$x = -1 \pm$	$\frac{1}{2}\sqrt{2}$	(5)	$x = \frac{7}{2}$	± ¹ √ 1 3 ± 2	(6)	x = -1 ± ·	V7
(7)	$x = -3 \pm$	$\sqrt{14}$						

Section G - Simultaneous Equations Answers

(1)												
(a)	x=1, y=11 (subt	tract)	(b)	w=10, z:	=4 (add)	(c)	x=3, y=2 (subtract)					
(2)												
(a)	(a) x=2, y=5 (double second equation then subtract)											
(b)	x=6, y=4 (double second equation then subtract)											
(c)	(c) x=3, y=7 (multiply second equation by 3 then subtract)											
Section H - Pythagoras												
(a) 4v14 cm		(b) √41 m			(c) ³⁷ /₅√2 m		(d) ³ / ₁₀ v555					
<u>Sectior</u>	Section I - Basic Trig - Missing Lengths											
(a)12.1cm		(b)13.5	b)13.5cm		(c)6.6cm		(d)7m					
(e)26.9m		(f)38.8ı	m									
(2)(a) $x=2, y=5$ (double second equation then subtract)(b) $x=6, y=4$ (double second equation then subtract)(c) $x=3, y=7$ (multiply second equation by 3 then subtract)Section H - Pythagoras(a) $4\sqrt{14}$ cm(b) $\sqrt{41}$ m(c) $\sqrt[37]{5}\sqrt{2}$ m(d) $\sqrt[3]{10}\sqrt{555}$ Section I - Basic Trig - Missing Lengths(a) 12.1 cm(b) 13.5 cm(c) 6.6 cm(d) $7m$ (e) 26.9 m(f) 38.8 mSection J - Basic Trig - Missing Angles(a) 29.1° (b) 14.5° (c) 45.6° (d) 14.5° (e) 45.5° (f) 23.8° (c) 45.6° (d) 14.5°												
(a)29.1°		(b)14.5	(b)14.5°		(c)45.6°		(d)14.5°					
(e)45.5°		(f)23.8°	5									

Section K – Sine & Cosine Rules

	Side	lengths		Angles				
	а	b c		A	В	С		
1	2.9cm	6.1cm	8.0cm	17.8°	40°	122.2°		
2	36cm	52.8cm	21cm	29.5°	133.8°	16.7°		
3	8.1cm	8.1cm 12.0cm		26.8°	138°	15.2°		

Section L – Problem Solving

(1) 5.5cm	(2) P(exactly 40) = 0.29	(3) ^{5v5} / ₂
(4) 1.03m	(5) 1125	

Section M – Extension

Question 1 Worked Solutions

Question 2 Worked Solutions

Question 3 Worked Solutions

Answers – Self Assessment Test

 $11 x^2 - 6x - 16 = (x - 3)^2 - (-3)^2 - 16$

For each part, give yourself 2 marks for a perfect answer (including working!), 1 mark for correct method but made a mistake and 0 marks for doing it totally wrong! The total test is out of 40 and anything below 24/40 is worrying and means you must go back to the exercises and try again to master the techniques.

1 a) $\frac{3X}{2} \div 5 = \frac{3X}{2} \times \frac{1}{5} = \frac{3X}{10}$	b) $\frac{2}{X} + \frac{3}{X^2} = \frac{2X}{X^2} + \frac{3}{X^2} = \frac{2X+3}{X^2}$
2 a) $16^{-\frac{7}{4}} = \frac{1}{16^{\frac{7}{4}}} = \frac{1}{(16^{\frac{1}{4}})^7} = \frac{1}{2^7} = \frac{1}{12s}$	b) $4\overline{2} = (4\overline{2})^5 = 2^5 = 32$
3 a) $\frac{2+\sqrt{X}}{\sqrt{X}} = \frac{2}{\sqrt{X}} + \frac{\sqrt{X}}{\sqrt{X}} = \hat{z}^{-\frac{1}{2}} + 1$	
b) $x^{\frac{3}{4}} = \frac{1}{27}$	
$(^4\sqrt{x})^3 = \frac{1}{27}$	
$4\sqrt{x} = \frac{1}{3}$	
$x = \frac{1}{s1}$	
4 a) √ 48 = √ 16 × 3 = √ 16 × √ 3 = 4√ 3	b) $\frac{\sqrt{4s}}{\sqrt{2}} = O_{\frac{15}{2}} = \sqrt{9} = 3$
c) $\sqrt{20} + 2\sqrt{45} - 3\sqrt{80} = \sqrt{4}\sqrt{5} + 2\sqrt{9}\sqrt{5} - 3$	$\sqrt{16}\sqrt{5} = 2\sqrt{5} + 6\sqrt{5} - 12\sqrt{5} = -4\sqrt{5}$
5 48.5 degrees	
6 6.99 to 2dp	
7 a) x= 4, y= -1	
 b): Solve the simultaneous equations: (1) -7 = x - y (2) x² + y² = 25 	
Rearrange (1) to make y the subject of equation Substitute this into equation (2):	: $y = x + 7$ $x^{2} + (x + 7)(x + 7) = 25$
Expand the brackets:	$x^2 + x^2 + 14x + 49 = 25$
Simplify: $2x^2 + 14x + 24 = 0$ divide equation by 2: Eactories:	$x^{2} + 7x + 12 = 0$ (x + 2)(x + 4) = 0
Solve : $x + 3 = 0$ and $x + 4 = 0$ so	(x + 3)(x + 4) = 0 x = -3 or x = -4
Substitute in (2):	when x = -3, y = 4 and when x = -4, y = 3
$8 2x^2 - 8 = 2(x^2 - 4) = 2(x + 2)(x - 2)$	
$9\ 6x^2 - 3x = 3x(2x - 1)$	
$10\ 2x^2 - 11x + 12 = (2x - 3)(x - 4)$	

$$= (x - 3)^2 - 25$$

- $12\,2x^2 + 3x 14 = 0$
- (2x + 7)(x 2) = 0
- 2x + 7 = 0 or x 2 = 0
- x = -3.5 or x = 2

 $13 x = \frac{-(-7)\pm\sqrt{(-7)^2-4(1)}}{2(1)} = \frac{7\pm\sqrt{13}}{2} = \frac{7}{2}\pm\frac{\sqrt{13}}{2}$ $14 x^2 + 2x - 6 = 0$ $(x + 1)^2 - (-1)^2 - 6 = 0$ $(x + 1)^2 = 7$ $x + 1 = \pm\sqrt{7}$

 $x = -1 \pm \sqrt{7}$

Getting Ready For AS Further Maths (Extension Task for AS Maths)

Task 0.1 GCSE Algebra Practice

Q1.

- (a) Expand and simplify $(x + 4)^2$
- (b) Hence or otherwise, show that $(x + 4)^2 4(x + 4) \equiv x(x + 4)$

Q2. Simplify fully $\frac{18x^2 - 12x}{18x^2 - 8}$

Q3. Make *x* the subject of the formula

$$y = \frac{3x+4}{x-3}$$

Q4.

Q7.

(a)

- (i) Factorise $x^2 10x + 25$
- (ii) Hence, or otherwise, solve the equation

 $(y-3)^2 - 10(y-3) + 25 = 0$

(b) Simplify $\frac{x^2 - 9}{x^2 + 3x}$

Q5. Simplify fully $\frac{x^2 - 16}{3x^2 + 10x - 8}$

Q6. Solve the equation
$$(2x-3)^2 = (x-1)(x+1)$$

Give your solutions to 2 decimal places.

Solve the equation
$$\frac{x}{x+1} - \frac{2}{x-1} = 1$$

Q8.

Show that $(p + q)^2 \equiv p^2 + 2pq + q^2$ (a)

(b) *p* and *q* are two numbers. The sum of *p* and *q* is 10. The product of *p* and *q* is 18 Work out the value of $p^2 + q^2$

Q9.

Expand and simplify $2x^2(x+6) + 3x(x-5)$ (a)

- Factorise fully $3mh^2 15m^2h$ (b)
- $4rs^2 \times 5r^3s^4$ Simplify fully (c)

(d) Solve
$$9x^2 + 29x - 28 = 0$$

Q10.

- (a) $x^2 - x - 2$ (i) Factorise
- Hence, solve $x^2 x 2 = 0$ Simplify $\frac{3x+2}{x^2 x 2} + \frac{1}{x+1}$ (ii)
- (b) Simplify

Q11. This right-angled triangle has sides of lengths (x - 2) cm, (x + 5) cm and 10 cm.

Calculate the value of *x*.

Q12. Prove that
$$\frac{n}{n-4} - \frac{n+5}{n+6} = \frac{5(n+4)}{(n-4)(n+6)}$$

Q13. Make *x* the subject of the formula
$$y = \frac{2x+3}{x-4}$$

Answers

M1 *x*² + 8*x* + 16

M2. $\frac{3x}{(3x+2)}$

M3.
$$y(x-3) = 3x + 4$$

 $yx - 3y = 3x + 4$
 $yx - 3x = 3y + 4$
 $x(y-3) = 3y + 4$
 $x = (3y + 4)/(y - 3)$

M4.

(a)

- (i) (x-5)(x-5) or $(x-5)^2$
- (ii) Replace x with (y-3), y = 8
- (b) Factorise numerator: (x 3)(x + 3)

Factorise denominator: x(x + 3)

Cancel to give
$$\frac{x-3}{x}$$

M5. Numerator = (x + 4)(x - 4)

Denominator = (3x - 2)(x + 4)

Answer = (x - 4)/(3x - 2)

 $\frac{12 \pm \sqrt{(24)}}{6}$

M6

2.82 and 1.18

M7 -1/3

M8 64

M9.

(a) $2x^3 + 15x^2 - 15x$

(b) 3*mh*(*h* – 5*m*)

(c) 20*r* ⁴*s* ⁶

(d) (9x-7)(x+4) 7 / 9 and -4

M10.

(a)
(i)
$$(x + 1)(x - 2)$$

(ii) $(x =) -1$ and 2
(b) $\frac{4x}{(x+1)(x-2)} \operatorname{or} \frac{4x}{(x^2 - x - 2)}$

M11. $(x + 5)^2 + (x - 2)^2 = 10^2$ Answer to 1 dp = 4.6, M12. $\frac{n(n+6)}{(n-4)(n+6)} (-) \frac{(n+5)(n-4)}{(n-4)(n+6)}$ M13. y(x-4) = 2x + 3 xy - 4y = 2x + 3 xy - 2x = 4y + 3x(y-2) = 4y + 3

$$x(y-2) = 4y + \frac{(4y+3)}{(y-2)}$$

Getting Ready For Mathematics Year 1 Cover Sheet

Name		·					Cours	Course Mathematics Year 1						
GCSE Maths Grade				GCSE Further Maths Grade						GCSE Statistics Grade				
А	В	С	D	E	F	G	Н	I	J	К	L	М		Test
Teacher Feedback														
	Skills / Criteria													
Your teacher will provide you with feedback on your skills, based on the following criteria:														
1. Subject knowledge and ability to choose the correct method to solve a prob														
 Accuracy of numerical calculations. Clarity of mathematical communication – how well you show your workings and lay out your work. 														
 Your quality of English communication when a written answer is required. 														
			Streng	ths					Ar	eas For	Improv	ement		
Englis	h skills t	o be ad	dressed	e.g. SP	AG: YES	/NO								