MATHS PASSPORT



PASSPORT FOUR



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Contents

TOPICS	SCORE	TOPICS	SCORE
1) Reverse Percentages		13) Bearings	
2) Compound Interest		14) Speed. Distance and Time	
3) Upper and Lower Bounds		15) Volume of Prisms	
4) Error Intervals		16) Arc Length	
5) Direct Proportion		17) Area of a Sector	
6) Calculating with Surds		18) Transformations	
7) Simultaneous Equations		19) Frequency Trees	
8) Factorise Quadratics		20) Independent Events	
9) Change the Subject		21) Venn Diagrams	
10) Composite Functions		22) Cumulative Frequency	
11) Iterative Processes		23) Box Plots	
12) Quadratic Sequences		24) Drawing Histograms	
Number Practise		Shapes and Measures Practise	
Algebra Practise		Statistics Practise	

Number



Number



Algebra



Algebra



Shapes and Measures



Shapes and Measures



Statistics



Statistics



Number

Evaluate the following:	There is a 45% sale.
a) $A0$	How much did the doll
<i>d j</i> ⁺	originally cost?
• • -2	Originally COSC!
<i>b)</i> 5°	
c) $64^{\frac{1}{2}}$ d) 3^{-7}	Was:
New how a new corfor	Milest is the meaning and
You buy a new car ior	What is the maximum and
£2,500. Your car depreciates	minimum areas of this
in value by 4% each year.	rectangle?
How much is it worth after /	
years?	3 Cr
	5 6cm
Write the following as	Simplify the following
Write the following as fractions.	Simplify the following
Write the following as fractions.	Simplify the following $\sqrt{24}$
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Algebra		
Find the midpoint of the following coordinates. (-4,6,10) (10,-8,6)	Solve the following inequality $4 \le 2x + 8 < 12$	
Use the quadratic formula to solve.	Solve the following pair of simultaneous equations. $2x \pm 2y = 13$	
$x^2 - 4x - 8 = 0$	5x + 2y = 13 $5x - 4y = 18$	
Factorise the following	The equation of a line is $y_1 - 2x + 5$	
expressions: a) $4x + 20$	y = 2x + 3 Write the equation of a line that is:	
<i>b</i>) $3y^2 + 12y$	a) Parallel to $y = 2x + 5$	
c) $x^2 + 4x - 21$	b) Perpendicular to $y = 2x + 5$	
Solve using trial and improvement to 1dp.	Change the subject to x . a) $3x + t = y$	
$2x^2 - 3x = 47$	b) $\frac{x}{p} - pr = z$	
	c) $t(x+r) = p$	



Statistics



GCSE Revision

Available	Tier	Grades
Passport One	Foundation	1-4
Passport Two	Foundation	3-4
Passport Three	Foundation/ Higher	4-5
Passport Four	Higher	5-6
Passport Five	Higher	7-9

Exam Tips

- Highlight key words and measurements in the exam questions with a yellow highlighter.
 E.g. 3 significant figures.
- 2) Show all of your working out. Whatever you type into your calculator should be written down as well.
 - Make sure your working out is clear by using sub headings if necessary.
 - 4) Remember your units of measure on answers to the question.
 - G
- 5) Remember you can sometimes break a task into separate parts by using the sentences.
 - Make sure you know how to reset your calculator and check it is in degrees mode.