

FOUNDATION TIER - AQA

	Paper 1	Paper 2	Paper 3
Number (*see Ratio – some overlap of topic areas)			
Arithmetic	Decimal long multiplication		
		Four operations	
	Related calculations		Negative number
Fractions	Arithmetic	Arithmetic	
	Fraction of a number		Fraction of a number
	Fraction to decimal		
Properties			Cube number
		Cube root problem	
		Highest common factor problem	
		Lowest value	
		Multiple	
			Multiples
			Number line decimal
			Number problem
	Odd and even		
		Place value	
			Prime number
			Rounding
		Significant figures	
	Square		
Indices	Laws of indices		
		Value	
Standard Form		Calculation	
Other			Inequality notation
	Money problem	Money problem	
		Number problem	
			Reasoning
		Units	
	Use of calculator		

Algebra

Equations	Linear	Linear	Linear
			Number machine
		Set up and solve	Set up and solve
Manipulation		Change subject	
		Formula	
	Simplification	Simplification	
		Substitution	
Graphs		Coordinate problem	Coordinates
		Distance-time	
			Gradient problem
		Intercept	
		Interpret	
			Solve equation
			Straight line
Reasoning	Expression	Equation	
Sequences			Fibonacci problem
			Linear
			Reasoning
Other	Double inequality		

Ratio, proportion, and rates of change (*see Number – some overlap of topic areas)

Conversion			Currency
	Lengths		
	Time		
Percentages	Amount as a percentage		
		Percentage increase	
		Percentage of an amount	
	Percentage total		
Fraction	Fraction and percentage		
Ratio	Simplest form		
	n : 1 form		
	Share into a ratio		

	Paper 1	Paper 2	Paper 3
Applications			Average speed
			Capacity problem
			Combined proportions
			Conversion problem
		Cost problem	
			Density problem
	Distance problem		
			Inverse proportion
	Ratio problem	Ratio problem	Ratio problem
		Rate	
		Relative frequency problem	
		Scale diagram	

Geometry and measures

Shape	Circle parts	Circle parts	Arc length
			Congruent shapes
		Line symmetry	Enlargement
			Name shape
	Rhombus	Pythagoras	
	Trigonometry		
	Trigonometry exact value		
		Types of triangle	
Area and Volume	Parallelogram		Combined shape
		Perimeter problem	
	Rectangle		
		Surface area of cube	
			Trapezium
			Triangle
Angles			Volume of cuboid problem
		Around point	Angle name
			Compass points
			In triangle
			On straight line
Other	Column vectors		Opposite angles

Statistics

Diagrams		Composite bar chart	
	Frequency table		Interpret correlation
			Line of best fit
		Pictogram problem	
		Pie chart problem	
	Two-way table		Two-way table
	Venn diagram		
Measures			Vertical line diagram
			Mean from diagram
	Median		Mean problem
	Range		Mode from diagram

Probability

Probability			Frequency tree
			Ordering probabilities
		Probability	
	Problem		
			Probability from diagram
			Relative frequency

Information

This advance information covers all examined components.

- There are no restrictions on who can use this.
- The format/structure of the papers remains unchanged.
- For each paper the list shows the major focus of questions.
- The information is presented in specification order and not in question order.

Advice

- The following areas of content are suggested as key areas of focus for revision and final preparation, in relation to the NOV 2022 examinations.
- Students and teachers should consider how to revise other parts of the specification, for example to review whether other topics may provide knowledge which helps your understanding in relation to the areas being tested in NOV 2022.
- Students will be credited for using any relevant or appropriate knowledge from any topic areas when answering questions.

This information is the same as the AQA provided information except that it has been reduced in size to only include information for this specific tier of entry ... any queries to support@justmaths.co.uk ...
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