

NAME		TEACHER				
My GCSE Target Grade is		End of Cycle Teacher Assessment Please circle				
		SAE	AE	E	BE	SBE
End of unit assessment type		Your end of topic assessment will be a written exam.				

YEAR 9F (PI)	CYCLE 1: NUMBER & FRACTIONS
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	Knowledge	Prior knowledge	End of topic
Number	BIDMAS – I can use the order of operations including with positive and negative numbers		
	Ordering Numbers – I can order numbers, including with negatives and decimals		
	Decimal Numbers – I can round to a given number of decimal places and multiply and divide decimal numbers		
	Prime Numbers – I am familiar and can list the prime number sequence		
	Place Value – I can round to a given number of significant figures		
	Estimation – I can use rounding to estimate answers to calculations (and applied to problem solving questions)		
	Squares & Cubes – I can find the square root and cube root and estimate the square root of numbers up to 200		
	Surds & Powers – I can recognise surd notation on a calculator and powers of 2, 3 and 4		
	Factors & Multiples – I can find the factors and multiples of numbers up to 100		
	HCF & LCM – I can find the highest common factor and lowest common multiple of two numbers by listing and apply to problems involving time		
	Prime Factors – I can write a number as a product of its prime factors		
	Venn Diagrams – I can use a Venn diagram to find the LCM and HCF of 2/3 numbers		
Fractions	Equivalent Fractions – I can identify equivalent fractions and compare / order fractions		
	Fractions – I can simplify fractions by finding the HCF of the numerator and denominator		
	Fractions Calculations – I can add and subtract fractions and use them to solve problems		
	Fraction of an amount – I can find a fraction of a quantity or a measurement		

LEARNING TOOLS				
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KEY CONCEPTS	Prime Factors	A prime number that is also a factor		
	Surd	Another name for the square root		
KEY WORDS	Estimate	Numerator / Denominator	What is a prime number?	
KEY EQUATION		Brackets Indices Division Multiplication Addition Subtraction		