



Attainment Band :	Unit 1 - Prime numbers, Factorisation and Calculating with Fractions	
	Knowledge and Understanding	Skills
Yellow Plus	Uses their knowledge of prime decomposition to find a missing number when given the HCF and LCM 10*	Solves problems involving the highest common factor and the lowest common multiple 10 Applies prime decomposition to solve written problems 11 Adds and subtracts mixed numbers to solve written problems 13
Yellow	Uses a Venn diagram to group prime factors 3b* Recognises when to use the LCM correctly 11*	Finds the sum of fractions with unlike denominators 6 Finds the difference of fractions with unlike denominators 7 Adds mixed numbers 8 Subtracts mixed numbers 9 Solves problems involving adding and subtracting improper fractions 12
Blue	Understands what a prime number is, using mathematical language 1 Knows how to find the square root of a number 2d Knows that to add and subtract fractions with unlike denominators you must find the LCM 5*/6*/7*	Writes a number as the product of its primes, using an example 3a Finds the highest common factor of 2 numbers 3b Finds the lowest common multiple of 2 numbers 3c Uses a bar model to find the sum of fractions with unlike denominators 5 Uses a bar model to find the difference of fractions with unlike denominators 7*
Green	Recognises square numbers 2b Knows prime numbers 2e/3a*	Adds fractions with a common denominator 4
White	Understands what multiples are and identifies multiples of a given number 2c	Finds a factor of a number 2a Recalls multiplication facts for the following tables: 2, 5, 10. 3, 4, 6. 7, 8, 9.

* Asterisks mark next to a question number means a question has been broken down into subparts.