

Maths Workout - Number

Topic 8 - Primes				
Target 1	Target 2	Target 3		
<i>Understand that a prime number has exactly 2 distinct factors; Identify and list prime numbers up to 100</i>	<i>Express a number as a product of its prime factors</i>	<i>Express a number as a product of its prime factors</i>		
1. Identify and list the factors of 5,13,17 and 23 by identifying factor pairs	1. Express 20 as a product of its prime factors, by completing a factor tree	1. Express a single-digit and 2-digit number as a product of its prime factors		
2. Identify and list the prime numbers < 100	2. Express 18 and 28 as a product of their prime factors, by completing a factor tree	2. Express a 2-digit and 3-digit number as a product of its prime factors		
3. Speed response; distinguish between prime numbers and non-prime numbers; all numbers < 20	3. Express 40 and 42 as a product of their prime factors, by completing a factor tree	3. Express a 3-digit and 4-digit number as a product of its prime factors		
4. Speed response; distinguish between prime numbers and non-prime numbers; all numbers < 50	4. Express 54 and 60 as a product of their prime factors, by completing a factor tree	4. Express a 3-digit and 4-digit number as a product of its prime factors (Choose number of factors)		
5. Speed response; distinguish between prime numbers and non-prime numbers; all numbers < 100	5. Express 32 and 72 as a product of their prime factors, by completing a factor tree			
6. Speed response; distinguish between prime numbers and non-prime numbers; all numbers < 100	6. Express 120 and 200 as a product of their prime factors, by completing a factor tree			
	7. Express 216 and 1000 as a product of their prime factors, by completing a factor tree			