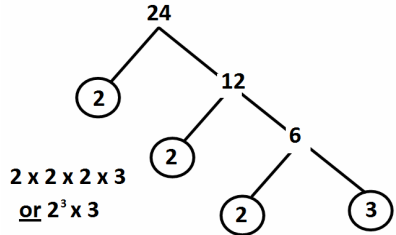## Prime Factorisation

List the factors of 48	
Find the HCF of 18 and 24	
Find the LCM of 15 and 9	
Find the HCF of 12, 16 and 40	

When asked to 'prime factorise' or write as a 'product of prime factors' just think 'factor tree'. 24 is shown below
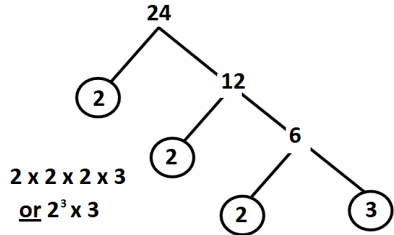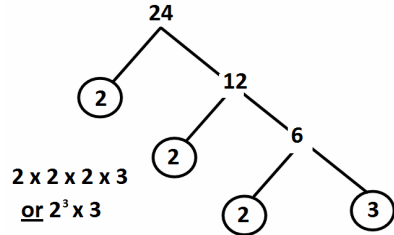

2 x 2 x 2 x 3

or 2^3 x 3

List the first 10 prime numbers:	
Prime factorise 12	
Prime factorise 16	
Prime factorise 27	
Prime factorise 36	
Prime factorise 42	
Write 18 as a product of its prime factors	
Write 54 as a product of its prime factors	
Write 32 as a product of its prime factors	
Write 25 as a product of its prime factors	
Write 12 as a product of its prime factors	
Use a Venn Diagram to find the HCF and LCM of 12 and 18	
Use a Venn Diagram to find the HCF and LCM of 12 and 18	
Use a Venn Diagram to find the HCF and LCM of 12 and 18	