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

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
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