

# CHAPTER 13 : FACTORS, POWERS AND ROOTS



















## FOUNDATION

Chapter	Title		MyMaths Links
Chapter 13 Factors, Powers, Roots	13.1	Factors and multiples	1032, 1034, 1044
	13.2	Prime factor decomposition	1032, 1044
	13.3	Powers and roots	1053, 1924

## HIGHER

CHAPTER	Title		MyMaths Clips
Chapter 13 Factors, Powers, Roots	13.1	Factors and multiples	1032, 1034, 1044
	13.2	Powers and roots	1033, 1053, 1924
	13.3	Surds	1064, 1065, 1924

### FACTORS AND MULTIPLES : Higher and Foundation

Topic	Video Link	Questions Link	Answers Link
Factors			
Common Factors / HCF			
Multiples			
Common Multiples / LCM			
Product of Prime Factors			
Product of Prime Factors HCF/LCM			



















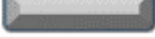
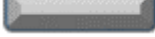
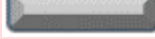
### MyMaths progression tasks

<https://app.mymaths.co.uk/46-homework/factors-and-primes>

<https://app.mymaths.co.uk/151-homework/highest-common-factor>

<https://app.mymaths.co.uk/152-homework/lowest-common-multiple>

**CALCULATING WITH ROOTS AND INDICES : Higher and Foundation**

Topic	Video Link	Questions Link	Answers Link
Squaring a number			
Square root			
Cubing a number			
Cube root			
Indices			
Negative Powers			
Fractional Powers (Higher)			

**MyMaths progression tasks**






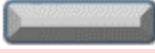
<https://app.mymaths.co.uk/150-homework/squares-and-cubes>

<https://app.mymaths.co.uk/153-homework/indices-1>

<https://app.mymaths.co.uk/1729-homework/higher-powers>

(Higher Only)

**SURDS : Higher Only**

Topic	Video Link	Questions Link	Answers Link
Introduce and Simplify Surds (Higher)			
Addition and Subtraction with Surds (Higher)			
Rationalising Surds (Higher)			
Expanding brackets with Surds (Higher)			

**MyMaths progression tasks**

<https://app.mymaths.co.uk/156-homework/surds-1>

(Higher Only)

<https://app.mymaths.co.uk/157-homework/surds-2>

(Higher Only)