

Year 6 - Autumn 1

Can I recall all prime numbers up to 100?

For this KIRF, children should be able to recognise prime numbers and composite numbers up to 100.

Examples

2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, 97

How to practise at home

The key is 'little and often'! Practising a little every day will help your child memorise and recall facts.

Make learning fun by incorporating flashcards, games, songs and challenges.

Online resources



Pick The Primes

Year 6 - Autumn 2

Can I recall the common factors of two given numbers?

For this KIRF, children should be able to recognise all common factors up to 12 of two numbers.

Examples

18 and 42: 1, 2, 3 and 6

24 and 33: 1 and 3

27 and 36: 1, 3 and 9

44 and 60: 1, 2 and 4

How to practise at home

The key is 'little and often'! Practising a little every day will help your child memorise and recall facts.

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Online resources



Year 4 - Spring 1

Can I recall the square numbers and their roots up to 15^2 , and cube numbers and their roots up to 5^3 ?

For this KIRF, children should be able to recognise square numbers up to 225 and cube numbers up to 125, and their roots.

Examples

$1^2 = 1$

$6^2 = 36$

$11^2 = 121$

$1^3 = 1$

$2^2 = 4$

$7^2 = 49$

$12^2 = 144$

$2^3 = 8$

$3^2 = 9$

$8^2 = 64$

$13^2 = 169$

$3^3 = 27$

$4^2 = 16$

$9^2 = 81$

$14^2 = 196$

$4^3 = 64$

$5^2 = 25$

$10^2 = 100$

$15^2 = 225$

$5^3 = 125$

How to practise at home

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Online resources



Square Numbers and Cube Numbers

Whack-a-mole by Tlandragin