



Key Instant Recall Facts

Year Six - Autumn 2



I can identify prime numbers up to 50

By the end of this half term, children should know the following facts. The aim is for them to be able to recall these facts **instantly**.

A Prime Number is a number which has only two factors: one and itself. The following numbers are Prime Numbers: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43 and 47.

A composite number has more than two factors.

Children should be able to explain how they know a number is a prime number or a composite number.

E.g. 39 is a composite number because its factors are 1, 3, 13, and 39.

Please note: 1 is not a prime or composite number because it has only one factor.

Top Tips

It is important to practise these facts **little** and **often**. You do not have to practise them all at once; you could choose a fact for the day. You could practise these KIRFs whilst on the walk to school or on a car journey. If you would like more ideas on how to support your child's learning, please speak to their teacher.

Things to try at home

- Make a set of digit cards from 1-50, how quickly can your child sort them into prime and composite numbers? How many even/odd prime numbers can they find? How many even/odd composite numbers can they find?
- Play [Pick The Primes](#) or [Find the primes!](#) online to practise.

Key Vocabulary

Prime number

Composite number

Factor

Multiple