



# Key Instant Recall Facts

## YEAR 5 – Summer 2

### I can identify prime numbers up to 20.

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

**A prime number is a number with no factors other than itself and one.**

The following numbers are prime numbers:

2, 3, 5, 7, 11, 13, 17, 19

**A composite number is divisible by a number other than 1 or itself.**

The following numbers are composite numbers:

4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20

Children should be able to explain how they know that a number is composite. E.g. 15 is composite because it is a multiple of 3 and 5.

#### Concrete:

5 is a prime number



#### What can this look like?

##### Pictorial:

5 is a prime number

5				
1	1	1	1	1

5	
5	

##### Abstract:

Prime numbers to 20

2 3 5 7  
11 13 17 19

#### Useful Websites:

<https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/z2q26fr>

[https://www.transum.org/Maths/Game/Prime\\_Pairs/](https://www.transum.org/Maths/Game/Prime_Pairs/)

<https://www.primarygames.com/math/matheggprime>

#### Things to Try

##### **Penta primes**

Here are ten cards numbered 0 to 9:



Using all ten cards, rearrange them to make five prime numbers.

Can you find a way of doing it with five two-digit numbers?

How about using one one-digit number, one three-digit number and three two-digit numbers? ...