



# Key Instant Recall Facts

## Year 6 – Autumn 1

### Key Vocabulary

factor

common factor

multiple

greatest common

factor

### Top Tips

The secret to success is to practise **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey?

If your child is not yet confident with identifying factor pairs of a number, they might want to practise the times table facts up to  $12 \times 12$  first to reinforce their knowledge.

If you are finding these skills tricky to practise please see your child's teacher.

## I aspire to identify common factors of a pair of numbers.

By the end of this half term, children should know the following facts.

The aim is for them to recall these facts **instantly**.

*The factors of a number are all numbers which divide it with no remainder.*

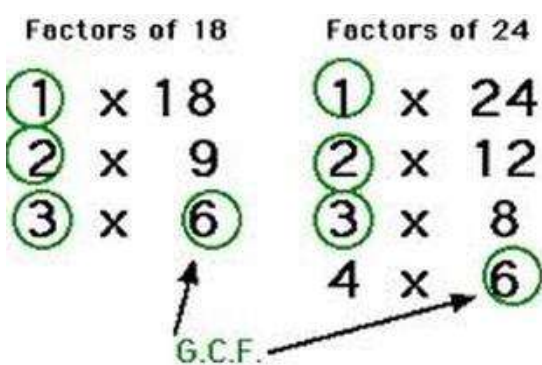
*E.g. the factors of 24 are 1, 2, 3, 4, 6, 8, 12, and 24.*

*The factors of 56 are 1, 2, 4, 7, 8, 14, 28 and 56.*

*The common factors of two numbers are the factors they share.*

*E.g. the common factors of 24 and 56 are 1, 2, 4 and 8.*

*The greatest common factor of 24 and 56 is 8.*



Children should be able to explain how they know that a number is a common factor

E.G. 8 is a common factor of 24 and 56  
because  $8 \times 3 = 24$  and  $8 \times 7 = 56$

There are many online games to practise finding the greatest common factor, for example:

<http://www.fun4thebrain.com/beyondfacts/gcfsketch.html>

<http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>