

Key Instant Recall Facts

Target 33

I can identify common factors for a pair of numbers.

By the end of this half term, you should know the following facts. The aim is to recall these facts **instantly**. You should also be familiar with using the key vocabulary.

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.

Key Vocabulary

Factor

Multiple

Common factor

Greatest common factor

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 $24 = 8 \times 3$ and $56 = 8 \times 7$.

Weekly KIRF Tasks

- **Week 1** - Make a poster of some of the facts for your bedroom wall or your fridge. Look at it every day!
- **Week 2** - Make up a poem or a song of your facts. Use it to help you practise. Sing it on the way to school!
- **Week 3** - See if you can find two numbers which share a large amount of common factors.
- **Week 4** - Test your parents or someone else in your family on their facts!
- **Week 5** - Ask your parents to test you by giving you two numbers and seeing if you can say a common factor for them.
- **Week 6** - Teach these facts to someone who doesn't know them. This could be a baby brother or sister, someone in your class, or maybe even someone else in your family!