

Key Instant Recall Facts

Year 6 - Autumn 1

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

I can identify common factors of a pair of numbers

The factors of a number are all numbers which divide into 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.

Key Vocabulary

factor

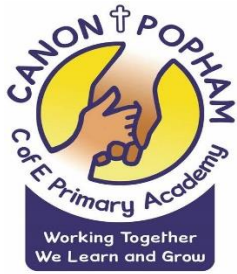
common factor

multiple

greatest common factor

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



Key Instant Recall Facts

Year 6 - Autumn 2

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

I still know the multiplication and division facts up to 12×12

This is a great chance to consolidate your knowledge of multiplication and division facts and to increase your speed of recall.

Top Tips

The secret is practising little and often. You don't need to practise these all at once, perhaps you could have a fact of the day. Can you practice these Key Instant Recall Facts during a car journey?

- There are many online games to practise finding the greatest common factor, for example:
<http://www.fun4thebrain.com/beyondfacts/gcfsketch.html> Choose two numbers. Take it in turns to name factors. Who can find the most?
- Speed Challenge - Take two packs of playing cards and remove the kings. Turn over two cards and ask your child to multiply the numbers together (Ace = 1, Jack = 11, Queen = 12). How many questions can they answer correctly in 2 minutes? Practise regularly and see if they can beat their high score.
- Use memory tricks - For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.
- Online - Go to <https://www.topmarks.co.uk> for super bowling maths multiplication and Tommy's Trek.

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