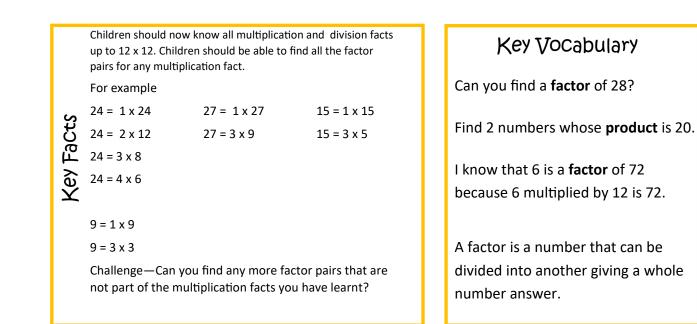# Key Instant Recall Facts

Year 5 Autumn 2

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will also be expected to practise these key facts at home.

Your key fact this half term is

To find factor pairs of a number

Key Facts

Children should now know all multiplication and division facts up to 12 x 12. Children should be able to find all the factor pairs for any multiplication fact.

For example

24 = 1 x 24	27 = 1 x 27	15 = 1 x 15
24 = 2 x 12	27 = 3 x 9	15 = 3 x 5
24 = 3 x 8		
24 = 4 x 6		

9 = 1 x 9

9 = 3 x 3

Challenge—Can you find any more factor pairs that are not part of the multiplication facts you have learnt?

Key Vocabulary

Can you find a **factor** of 28?

Find 2 numbers whose **product** is 20.

I know that 6 is a **factor** of 72 because 6 multiplied by 12 is 72.

A factor is a number that can be divided into another giving a whole number answer.

MAKE IT FUN

Look at this clip to remind you what a factor is   What are factors? - BBC Bitesize

Think of the question – One player thinks of a times table question (e.g. 4 x 12) and gives the answer. The other player has to guess the original question.

Play games - Choose one number. Take it in turns to name factors. Who can find the most?

MAKE IT LINK

www.timestables.co.uk and www.timestables.me.uk

Use memory tricks – For those hard-to-remember facts, the following site uses strange picture stories to help the children remember.

www.multiplication.com

DEEPEN IT

Factors and Multiples Game   https://nrich.maths.org/5468

Abundant Numbers Investigation   http://nrich.maths.org/1011

Captain Conjecture says, 'Factors come in pairs so all numbers have an even number of factors.' Do you agree?

Explain your reasoning

Hamstel Junior School
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