



Key Instant Recall Facts



Year 5 – Autumn Term 2

By the end of this half term, children should know the following facts. The aim is for them to recall these facts with speed and accuracy:

I can identify multiples and factors up to 12×12

Children should be able to quickly recall multiples and factors of products up to 12×12 ; this KIRF allows pupils to practice their times table facts (multiples), as well as their ability to quickly recall factors of these products.

Find the factors of the product of 8×8

$$8 \times 8 = 64$$

Factor pairs of 64 = 1 x 64, 2 x 32, 4 x 16, 8 x 8

Find the eighth multiple of 9 then find the product's factors

$$8 \times 9 = 72$$

Factor pairs of 72 = 1 x 72, 2 x 36, 3 x 24, 4 x 18, 6 x 12, 8 x 9

Key vocabulary:

Can you calculate the 7th multiple of 12?

Identify the factor pairs of the product of 8 x 5

Top tips

The secret to success is practising little and often. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

Practical resources and ideas

- Use a multiplication grid to choose a product then find that product's factors.
- Chant times tables to 12×12 to practise, then quiz your child on randomly selected multiples, e.g. What is the sixth multiple of 11? What is the ninth multiple of 3?