



Key Instant Recall Facts

Year 5 – Autumn Term 1

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 round numbers to 1 million to the nearest 10, 100 and 1,000

Children should be able to round any number to 1,000,000 to the nearest 10, 100 and 1,000.

See example below:

Round 34**8**,290 to the nearest thousand = 348,000

Locate the thousands place value then look **next-door to the right** (at the hundreds column). If this digit is 1, 2, 3 or 4, the thousands digit stays the same. If the hundreds digit is 5, 6, 7, 8 or 9, one more is added to the thousands digit.

Key Questioning

Can you round 23,822 to the nearest 10, 100 and 1,000?

1,349 rounded to the nearest 10 is 1,340.

True or false? How do you know?

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

Focus on choosing different-sized numbers, then finding the nearest 10, 100 and 1,000 for that number. This allows children to practise locating the correct place value column to be able to round effectively.



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 practise 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 = 1×64 , 2×32 ,
 4×16 , 8×8

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

$$8 \times 9 = 72$$

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

Key Questioning

Can you calculate the 7th multiple of 12?

Identify the factor pairs of the product of 8×5

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?

