



# Year 5 Maths

## KEY INSTANT RECALL FACTS (KIRFs)

To develop your child's fluency and mental maths skills, we have introduced KIRFs (Key Instant Recall Facts) throughout school. KIRFs are a way of helping your child to learn by heart key facts and information which they need to have instant recall of.

KIRFs are designed to support the development of mental maths skills that underpin much of the maths work in schools. They are particularly useful when calculating: adding, subtracting, multiplying or dividing. They contain number facts such as number bonds and times tables that need constant practise and rehearsal, so children can recall them quickly.

Each half term, children will focus on a KIRF to practise and learn at home alongside the work that we will be doing weekly in school. They will include ideas to assist your child in grasping these key facts. They are not designed to be a time-consuming task and can be practised anywhere – in the car, walking to school etc. Regular practise – little and often – helps children to retain these facts.

Over their time at primary school, we believe that – if the KIRFs are developed fully – children will be more confident with maths work, understand its relevance and be able to access the curriculum more easily. They will be able to apply what they have learned to a wide range of problems that confront us regularly.

Thank you for your support.

# Key Instant Recall Facts

## Year 5 Summer 1

This half term your child is working towards achieving knowledge of the KIRF, indicated below.

The ultimate aim is for your child to be able to recall these facts instantly.

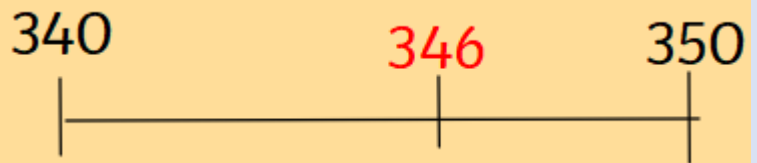
### This term's KIRF for year 5.....

I can round any number to the nearest 10, 100 and 1000 within 100,000.

For example

When rounding 346 to the nearest 10. I need to identify the tens digit and the ones digit in the number (4 tens and 6 ones). Now I need to think about what the next multiple of 10 is (350) and the previous (340). Which multiple of 10 is 346 closest to? (350).

It may be helpful to put this on a number line to support your child.



### Key Vocabulary

digit  
place value  
previous multiple  
next multiple  
nearest multiple  
round up  
round down

Play a game

#### 1, Rounding target

Write a number (eg 38,462)

Player 1 chooses to round to the nearest 10/100/1000.

Player 2 rounds.

If they are correct they get 1 point.

First to 10 points wins.

#### 2, Real life rounding

Search for house prices/distances to places/population of towns or cities.

Round these amounts to the nearest 10/100/1000

Online games to support

[Rocket Rounding](#)

[Sir Roundalot | Online Rounding Games for Kids](#)

[Rounding games - round to the nearest 10, 100, 1,000 in various timed and untimed games. All pure fun and free to play.](#)