

Key Instant Recall Facts

EYFS – Year 6

To help develop children's fluency in mathematics, we ask them to learn Key Instant Recall Facts each half term. We expect children to practise their KIRFs at least 3 times a week.

Each KIRF has an entry level target, which they must be able to do before attempting the main target.

Also, if a child is working above and finding this target comfortable, they may have a go at the challenge to be pushed further.

These KIRFs are used in every day mathematics lessons as well as general, day-to-day life. They are the basic facts of mathematics that every individual should know instantly.



Key Instant Recall Facts

Year 6 – Autumn 1

Recall the multiplication and division facts for all times tables up to 12×12 , with numbers in decimals, tens and hundreds.

Please see separate sheet for all times table facts.

This is a chance for Year 6 children to consolidate their knowledge of multiplication and division facts and to increase their speed of recall.

Key Vocabulary

What is 12 **multiplied by** 6?

What is 7 **times** 8?

What is 84 **divided by** 7?

They should be able to answer these questions in any order, including missing number questions e.g. $7 \times \bigcirc = 28$ or $\bigcirc \div 6 = 7$.

Children who have already mastered their times tables should apply this knowledge to answer questions including decimals e.g. $0.7 \times \bigcirc = 4.2$ or $\bigcirc \div 60 = 0.7$

Entry level: Recall the multiplication and division facts for all times tables up to 12×12 in integers.

Challenge: Work out missing numbers from number sentences.

Top Tips

The secret to success is practising **little** and **often**. Use time wisely. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact family of the day. If you would like more ideas, please speak to your child's teacher.

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.

Play games – Your child has a login for TT Rockstars which is full of engaging and fun games all based around the times tables.

Use memory tricks – For those hard-to-remember facts, www.multiplication.com has some strange picture stories to help children remember.