



Key Instant Recall Facts

Year 5 – Autumn 1

Key Vocabulary

What do I **add** to 0.8 to make 1?

What is 1 **take away** 0.06?

What is 1.3 **less than** 10?

How many **more than** 9.8 is 10?

What is the **difference between** 0.92 and 10?

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 of the day. If you would like more ideas, please speak to your child's teacher.

I aspire to know decimal number bonds to 1 and 10.

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **instantly**.

For example:

$$0.6 + 0.4 = 1 \quad 3.7 + 6.3 = 10$$

$$0.4 + 0.6 = 1 \quad 6.3 + 3.7 = 10$$

$$1 - 0.4 = 0.6 \quad 10 - 6.3 = 3.7$$

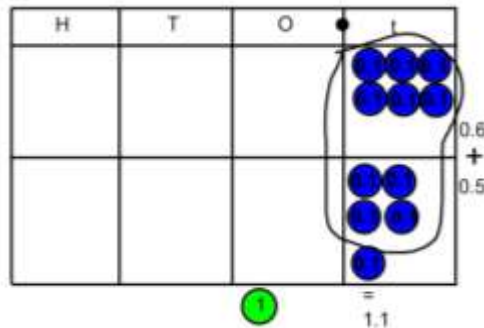
$$1 - 0.6 = 0.4 \quad 10 - 3.7 = 6.3$$

$$0.75 + 0.25 = 1 \quad 4.8 + 5.2 = 10$$

$$0.25 + 0.75 = 1 \quad 5.2 + 4.8 = 10$$

$$1 - 0.25 = 0.75 \quad 10 - 5.2 = 4.8$$

$$1 - 0.75 = 0.25 \quad 10 - 4.8 = 5.2$$



You could try some of these ideas...

Buy one get three free

If your child knows one fact (e.g. $0.53 + 0.47 = 1$), can they tell you three other facts in the same fact family?

Play games -

<http://www.conkermaths.org/cmweb.nsf/pages/numberkirfs.html> has lots of games to practise KIRFs

<https://www.topmarks.co.uk/maths-games/7-11-years/addition-and-subtraction> is another great website

Play number ping pong!

Start off saying 'ping', child replies with 'pong'. Repeat and then convert to numbers i.e. say '0.3' and they reply '0.7' (decimal bonds for 1)