



Key Instant Recall Facts – Year 1, Spring 1

I know number bonds to 10.

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

$$\begin{array}{lll} 0 + 10 = 10 & 2 + 8 = 10 & 4 + 6 = 10 \\ 10 + 0 = 10 & 8 + 2 = 10 & 6 + 4 = 10 \\ 10 - 10 = 0 & 10 - 8 = 2 & 10 - 6 = 4 \\ 10 - 0 = 10 & 10 - 2 = 8 & 10 - 4 = 6 \end{array}$$

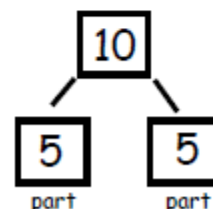
$$\begin{array}{lll} 1 + 9 = 10 & 3 + 7 = 10 & 5 + 5 = 10 \\ 9 + 1 = 10 & 7 + 3 = 10 & 10 - 5 = 5 \\ 10 - 9 = 1 & 10 - 7 = 3 & \\ 10 - 1 = 9 & 10 - 3 = 7 & \end{array}$$

Key Vocabulary:

What is 3 **add**2?
What is 2 **plus**2?
What is 5 **take away** 2?
What is 1 **less than** 4?
What is the **whole**?
What are the **parts**?

Key Imagery:

Prove using whole/part model:
Eg- $10 - 5 = 5$ whole



They should be able to answer these questions in any order, including missing number questions e.g. $6 + \bigcirc = 10$ or $10 - \bigcirc = 3$.

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.

Activity ideas

- **Use practical resources**– Your child has one potato on their plate and you give them two more. Can they predict how many they will have now?
- **Make a poster**– We use Numicon at school. You can find pictures of the Numicon shapes here: bit.ly/NumiconPictures – your child could make a poster showing the different ways of making 10.
- **Play games**– You can play number bond pairs online at to <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html> (Number tab) and then see how many questions you can answer in just one minute.