

# Key Instant Recall Facts - Year 3 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**.

**Target: To know number bonds to 100**

Children should be able to instantly recall  
the number bonds to 100.

See examples below:

$1 + 99 = 100$

$2 + 98 = 100$

$3 + 97 = 100$

$100 - 96 = 4$

$5 + 95 = 100$

$100 - 6 = 94$

*Children should be able to  
recall number bonds using  
addition and subtraction.*

Eg.

$13 + 87 = 100$

$87 + 13 = 100$

$100 - 13 = 87$

$100 - 87 = 13$

**Key vocabulary:**

What do I add to 47 to give a  
total of 100?

What pairs with 82 to make  
100?

What do I subtract from 100  
to make 66?

## 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

Write missing number calculations for your child, e.g.  $17 + \_ = 100$  or  $\_ + 68 = 100$ .

Ask children to see how many number bonds to 100 they can write in one minute, or five minutes.

Note: Children need to be able to quickly recall number bonds of multiples of ten to 100 (e.g.  $20 + 80 = 100$ ) as well as all further number bonds to 100 between each multiple of 10 (e.g.  $21 + 79 = 100$ ,  $22 + 78 = 100$ )

Play "I say 23 you say \_\_\_\_" and your child gives you the number to match to give the total of 100.