



Key Instant Recall Facts

Year 4 Autumn Term 1



I know number bonds to 100

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

Some examples:

$60 + 40 = 100$	$37 + 63 = 100$
$40 + 60 = 100$	$63 + 37 = 100$
$100 - 40 = 60$	$100 - 63 = 37$
$100 - 60 = 40$	$100 - 37 = 63$
$75 + 25 = 100$	$48 + 52 = 100$
$25 + 75 = 100$	$52 + 48 = 100$
$100 - 25 = 75$	$100 - 52 = 48$
$100 - 75 = 25$	$100 - 48 = 52$

Example of a fact family:

$$39 + 61 = 100$$
$$61 + 39 = 100$$
$$100 - 39 = 61$$
$$100 - 61 = 39$$

Key Vocabulary

What do I **add** to 65 to make 100?

What is 100 **take away** 6?

What is 13 **less than** 100?

How many more than 98 is 100?

What is the **difference** between 89 and 100?

Use Frog Math to find the number bond: $82 + ? = 100$



This list includes some examples of facts that children should know. They should be able to answer questions including missing number questions e.g. $49 + \bigcirc = 100$ or $100 - \bigcirc = 72$.

Top Tips

Practise little and often. Can you practise these KIRFs while walking to school or during a car journey? You don't need to practise them all at once: have a fact of the day.

Buy one get three free - If your child knows one fact (e.g. $64 + 36 = 100$), can they tell you the other three facts in the same fact family?

Use number bonds to 10 - How can number bonds to 10 help you work out number bonds to 100?

Play games - There are missing number questions at www.conkermaths.com. See how many questions you can answer in just 90 seconds. There is also a number bond pair game to play.

