



## KEY INSTANT RECALL FACTS

STAGE: 3

SPRING: 1

**I know the sums and differences of all pairs of multiples of 10 or 100 and what to add to any two-digit number to make 100.**

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

$10 + 90 = 100$

$600 + 400 = 1000$

$71 + \bigcirc = 100$

$20 + 60 = 80$

$300 + 600 = 900$

$39 + \bigcirc = 100$

$30 + 80 = 110$

$500 + 300 = 800$

$45 + \bigcirc = 100$

$40 + 70 = 110$

$700 + 400 = 1100$

$17 + \bigcirc = 100$

$50 + 80 = 130$

$800 + 600 = 1400$

$92 + \bigcirc = 100$

$120 - 90 = 30$

$800 - 500 = 300$

$53 + \bigcirc = 100$

$140 - 70 = 70$

$900 - 400 = 500$

$26 + \bigcirc = 100$

$150 - 90 = 60$

$700 - 300 = 400$

$64 + \bigcirc = 100$

$110 - 80 = 30$

$800 - 200 = 600$

$88 + \bigcirc = 100$

$130 - 50 = 80$

$600 - 500 = 100$

### Key Vocabulary

What do I **add** to 30 to make 110?

What is 140 **take away** 50?

What is 300 **less than** 800?

They should also be able to answer missing number questions for the multiples of 100 e.g.  $100 + \bigcirc = 700$  or  $1100 - \bigcirc = 500$  and addition doubles for multiples of 10 to 100 e.g.  $90 + 90$

### 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.

Use what you already know – Encourage your child to find the connection between number bonds to 20 and number bonds of multiples of 10 or 100.

Ping Pong – In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a two-digit number and the child says what you would add to it to make 100.

Practise online – Go to [www.conkermaths.com](http://www.conkermaths.com) and see how many questions you can answer in just 90 seconds.