



KEY INSTANT RECALL FACTS

STAGE: 4

AUTUMN: 1

I know the sums and differences of all pairs of multiples of 10, 100 and 1000 and what to add to any three-digit number to make the next multiple of 100. I also know doubles of numbers 1 to 100 and corresponding halves and doubles of multiples of 10 and 100 and corresponding halves.

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**.

$30 + 80 = 110$

$50 + 70 = 120$

$120 - 40 = 80$

$240 - 150 = 90$

$400 + 500 = 900$

$800 + 700 = 1500$

$1200 - 800 = 400$

$1700 - 900 = 800$

$3000 + 7000 = 10,000$

$4000 + 9000 = 13,000$

$14,000 - 5000 = 9000$

$16,000 - 8000 = 8000$

$521 + \bigcirc = 600$

$479 + \bigcirc = 500$

$355 + \bigcirc = 400$

$872 + \bigcirc = 900$

$788 + \bigcirc = 800$

$964 + \bigcirc = 1000$

$213 + \bigcirc = 300$

$38 \times 2 = 76$

$64 \times 2 = 128$

$72 \div 2 = 36$

$96 \div 2 = 48$

$60 \times 2 = 120$

$170 \times 2 = 340$

$560 \times 2 = 1120$

$160 \div 2 = 80$

$240 \div 2 = 120$

$380 \div 2 = 190$

$400 \times 2 = 800$

$600 \times 2 = 1200$

$900 \times 2 = 1800$

$800 \div 2 = 400$

$1600 \div 2 = 800$

$1200 \div 2 = 600$

Key Vocabulary

What do I **add** to 50 to make 120?

What do I **add** to 479 to make 500?

What is 1700 **take away** 900?

What is 500 **less than** 14,000?

What is double 38?

What is half of 16,000?

They should also be able to answer missing number questions e.g. $4000 + \bigcirc = 1300$ or $14,000 - \bigcirc = 9000$.

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, 100 and 1000.

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 the next multiple of 100.

Practise online – Go to www.conkermaths.com and see how many questions you can answer in just 90 seconds.