



Key Instant Recall Facts

Year 2 – Spring 1

I know doubles and halves of numbers to 20.

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

$0 + 0 = 0$	$\frac{1}{2}$ of 0 = 0	
$1 + 1 = 1$	$\frac{1}{2}$ of 2 = 1	$11 + 11 = 22$
$2 + 2 = 4$	$\frac{1}{2}$ of 4 = 2	$12 + 12 = 24$
$3 + 3 = 6$	$\frac{1}{2}$ of 6 = 3	$13 + 13 = 26$
$4 + 4 = 8$	$\frac{1}{2}$ of 8 = 4	$14 + 14 = 28$
$5 + 5 = 10$	$\frac{1}{2}$ of 10 = 5	$15 + 15 = 30$
$6 + 6 = 12$	$\frac{1}{2}$ of 12 = 6	$16 + 16 = 32$
$7 + 7 = 14$	$\frac{1}{2}$ of 14 = 7	$17 + 17 = 34$
$8 + 8 = 16$	$\frac{1}{2}$ of 16 = 8	$18 + 18 = 36$
$9 + 9 = 18$	$\frac{1}{2}$ of 18 = 9	$19 + 19 = 38$
$10 + 10 = 20$	$\frac{1}{2}$ of 20 = 10	$20 + 20 = 40$

Key Vocabulary

What is **double** 9?

What is **half** of 14?

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 the 2 times table and double facts.

Ping Pong – In this game, the parent says, "Ping," and the child replies, "Pong." Then the parent says a number and the child doubles it. For a harder version, the adult can say, "Pong." The child replies, "Ping," and then halves the next number given.

Practise online – Go to <https://www.topmarks.co.uk/maths-games/hit-the-button> and see how many questions you can answer on doubles and halves.

Practical fun – Give them 7 sweets and ask what double is, give them 12 coins and ask them to halve them. Etc.