



## KEY INSTANT RECALL FACTS

STAGE: 1

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

#### Key Vocabulary

What is **double** 9?

What is **half** of 26?

#### 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.

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

The following game allows children to practise doubling and halving to 10 and 20:

<http://www.topmarks.co.uk/maths-games/hit-the-button>