



# Maths Home Learning at St Pauls Primary School

## Key Instant Recall Facts

### Year 4 Autumn 2



**Target: Double all whole numbers to 50**

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

1	2		11	22		21	42		31	62		41	82
2	4		12	24		22	44		32	64		42	84
3	6		13	26		23	46		33	66		43	86
4	8		14	28		24	48		34	68		44	88
5	10		15	30		25	50		35	70		45	90
6	12		16	32		26	52		36	72		46	92
7	14		17	34		27	54		37	74		47	94
8	16		18	36		28	56		38	76		48	96
9	18		19	38		29	58		39	78		49	98
10	20		20	40		30	60		40	80		50	100

Now let's try 47...

First **partition** 47...

$$\begin{array}{r} 47 \\ \swarrow \downarrow \\ 40 + 7 \\ \downarrow \downarrow \\ 80 + 14 = 94 \end{array}$$

Double each number...

Then **recombine**.

Double 47 is 94.

Revise doubling numbers to 50 using partitioning.

What is **double 27**?

Double the 10s. Double the 1s.

Add your two answers.

**54**

We worked it out using **partitioning**.

**Partitioning** means we split the number into 10s and 1s.

We **doubled** each part then **recombined** the parts.

KEY VOCABULARY	Top tips
double partition recombine	Practice partitioning the numbers Look for patterns All doubles will be an even number – as we are finding 2 lots of something (multiplying by 2)

<p>MOST USEFUL WEBSITES</p>	<p><a href="#">Doubling 2 Digit Numbers (24x2)</a> <a href="#">Hit the Button Maths App for Windows, Mac, iPad, iPhone and Android</a></p>
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