



Key Instant Recall Facts



Year 2 | Summer 1

I know doubles and halves of numbers to 20.

I know near doubles to 10.

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

They should be able to answer these questions in any order, including missing number questions:

e.g. double $\bigcirc = 10$ or half of $\bigcirc = 3$.

Doubles	Halves	Near doubles
Double 1 is 2	Half of 20 is 10	If $1 + 1 = 2$, then $1 + 2 = 3$ because it's 1 more.
Double 2 is 4	Half of 18 is 9	If $2 + 2 = 4$, then $2 + 3 = 5$ because it's 1 more.
$3 + 3 = 6$	Half of 16 is 8	If $3 + 3 = 6$, then $3 + 4 = 7$ because it's 1 more.
Double 4 is 8	Half of 14 = 7	If $4 + 4 = 8$, then $4 + 5 = 9$ because it's 1 more.
$5 + 5 = 10$	Half of 12 = 6	If $5 + 5 = 10$, then $5 + 6 = 11$ because it's 1 more.
$6 + 6 = 12$	$\frac{1}{2}$ of 10 = 5	
Double 7 is 14	$\frac{1}{2}$ of 8 is 4	
Double 8 is 16	Half of 6 is 3	
Double 9 is 18	Half of 4 = 2	
$10 + 10 = 20$	Half of 2 is 1	

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.

Songs and Chants – The children should know a chant for doubles to ten or there are chants online.

<https://www.youtube.com/watch?v=At0quRa90rs> – doubles song

<https://www.topmarks.co.uk/maths-games/daily10> Level 2 - Doubles and Halves

<https://www.topmarks.co.uk/maths-games/hit-the-button> - Doubles/Halves

<https://www.bbc.co.uk/bitesize/articles/zrws47h> - near doubles