Key Instant Recall Facts

Year 1 – Summer 1

I can add 10 to a number.

By the end of this half term, children should know that when you add ten to a number, only the tens digit changes. The aim is for them to answer these kind of questions **instantly**.

Children should be able to see that only the tens digit changes when adding ten to a number.

2 + 10 = 12
5 + 10 = 15
10 + 10 = 20
16 + 10 = 26
23 + 10 = 33
31 + 10 = 41
37 + 10 = 47
45 + 10 = 55
57 + 10 = 67

They should be able to answer these questions including missing number questions,

e.g. 2 + ◯ = 12 or ◯ + 10 = 53.

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.

Make a counting in tens or fives poster – Can they count forwards and backwards in these patterns?

https://www.topmarks.co.uk/maths-games/daily10 - Level 2 Addition – Up to 100- Ten more

https://www.youtube.com/watch?v=9NRdxc0XjOg – 10 more and 10 less

Key Instant Recall Facts

Year 1 – Summer 2

I know doubles and halves of numbers to 10.

I know near doubles to 5.

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

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	
3 + 3 = 6	Half of 16 is 8	If 2 + 2 = 4, then 2 + 3 = 5 because it's 1 more.
Double 4 is 8	Half of 14 = 7	
5 + 5 = 10	Half of 12 = 6	If 3 +3 = 6, then 3 + 4 = 7 because it's 1 more.
6 + 6 = 12	½ of 10 = 5	
Double 7 is 14	½ of 8 is 4	If 4 + 4 = 8, then 4 + 5 = 9 because it's 1 more.
Double 8 is 16	Half of 6 is 3	
Double 9 is 18	Half of 4 = 2	If 5 + 5 = 10, then 5 + 6 = 11 because it's 1 more.
10 + 10 = 20	Half of 2 is 1	

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

e.g. double ◯ = 10 or half of ◯ = 3.

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

http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html See how many questions you can answer in 90seconds. (Doubles and Halves to 10)

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.com/bitesize/clips/z7svcdm - near doubles