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|  | |  | | --- | | 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

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

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**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**.

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

They should be able to answer these questions in any order, including missing number questions, e.g. double ⃝ = 10 or half of ⃝ = 3.

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| 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 |