

Key Instant Recall facts

Year 2 - Autumn 2



To add and subtract 10 to/from a number.

By the end of this half term, children should be able to rapidly recall answers when you add or subtract ten to/from a number. The aim is for them to answer these kind of questions instantly.

$2 + 10 = 12$

$5 + 10 = 15$

$10 + 10 = 20$

$16 + 10 = 26$

$23 + 10 = 33$

$31 + 10 = 41$

$37 + 10 = 47$

$45 + 10 = 55$

$57 + 10 = 67$

$12 - 10 = 2$

$15 - 10 = 5$

$20 - 10 = 10$

$26 - 10 = 16$

$33 - 10 = 23$

$41 - 10 = 31$

$47 - 10 = 37$

$55 - 10 = 45$

$67 - 10 = 57$

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

e.g. $2 + \bigcirc = 12$ or $\bigcirc + 10 = 53$

$41 - \bigcirc = 31$ or $\bigcirc - 10 = 86$

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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To count in 10s.

To know the multiplication and division facts for the 10 times table.

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

<u>Count in 10s</u>			<u>Key vocabulary</u>
10	$0 \times 10 = 0$	$0 \div 10 = 0$	What is 3 times 10?
20	$1 \times 10 = 10$	$10 \div 10 = 1$	What is 2 multiplied by 10?
30	$2 \times 10 = 20$	$20 \div 10 = 2$	What is 4 groups of 10?
40	$3 \times 10 = 30$	$30 \div 10 = 3$	What is 60 divided by 10?
50	$4 \times 10 = 40$	$40 \div 10 = 4$	What is 40 shared between 10?
60	$5 \times 10 = 50$	$50 \div 10 = 5$	What is 70 divided into groups of 10?
70	$6 \times 10 = 60$	$60 \div 10 = 6$	
80	$7 \times 10 = 70$	$70 \div 10 = 7$	
90	$8 \times 10 = 80$	$80 \div 10 = 8$	
100	$9 \times 10 = 90$	$90 \div 10 = 9$	
	$10 \times 10 = 100$	$100 \div 10 = 10$	
	$11 \times 10 = 110$	$110 \div 10 = 11$	
	$12 \times 10 = 120$	$120 \div 10 = 12$	

They should be able to answer these questions in any order, including missing number questions, e.g. $10 \times \bigcirc = 80$ or $\bigcirc \div 10 = 6$.

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.

Pronunciation - Make sure that your child is pronouncing the numbers correctly and not getting confused between thirteen and thirty.

Songs and Chants - You can buy CDs or find number bond songs and chants online. If your child creates their own song, this can make them even more memorable.

Test the Parent - Your child can make up their own tricky division questions for you e.g. What is 70 divided by 7? They need to be able to multiply to create these questions.

Apply these facts to real life situations - How many toes are in your house? What other multiplication and division questions can your child make up? <http://www.conkermaths.org/cmweb.nsf/products/conkerkirfs.html>
See how many questions you can answer in 90seconds.

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<https://www.topmarks.co.uk/maths-games/daily10> and <https://www.topmarks.co.uk/maths-games/hit-thebutton>