



Key Instant Recall Facts

Year 2 – Autumn 1

Key Vocabulary

Subtract
Minus
Takeaway
Add
Plus
Altogether
Total
Equals

Key Questions

What does this symbol mean? Will you be adding or subtracting?

What happens when we add? Will the total get greater or smaller?

What happens when we subtract?

If I know $1+5=6$ what would $5+1$ be? What do you notice about adding?

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 family of the day.

I aspire to know all addition and subtraction facts between 0 and 10

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

1	2	3	4	5	6	7	8	9	10
$0+1=1$ $1+0=1$	$0+2=2$ $1+1=2$ $2+0=0$	$0+3=3$ $1+2=3$ $2+1=3$ $3+0=3$	$0+4=4$ $1+3=4$ $2+2=4$ $3+1=4$ $4+0=4$	$0+5=5$ $1+4=5$ $2+3=5$ $3+2=5$ $4+1=5$ $5+0=5$	$0+6=6$ $1+5=6$ $2+4=6$ $3+3=6$ $4+2=6$ $5+1=6$ $6+0=6$	$0+7=7$ $1+6=7$ $2+5=7$ $3+4=7$ $4+3=7$ $5+2=7$ $6+1=7$ $7+0=7$	$0+8=8$ $1+7=8$ $2+6=8$ $3+5=8$ $4+4=8$ $5+3=8$ $6+2=8$ $7+1=8$ $8+0=8$	$0+9=9$ $1+8=9$ $2+7=9$ $3+6=9$ $4+5=9$ $5+4=9$ $6+3=9$ $7+2=9$ $8+1=9$ $9+0=9$	$0+10=10$ $1+9=10$ $2+8=10$ $3+7=10$ $4+6=10$ $5+5=10$ $6+4=10$ $7+3=10$ $8+2=10$ $9+1=10$ $10+0=10$

Your Home learning this half term...

Challenge 1: What does adding and subtracting look like?



Use your fingers to help you add and subtract. Can you show me $6-3$? Can you show me $2+3$? How quickly can you work out the answer? Can you put your fingers up without counting them (subitising like you did in Year 1)?

Challenge 2: Practical



Use practical resources around the house. I have four sweets, how many more sweets to make 9 sweets? I have 6 cars, how many will I have if I take 3 away. Encourage speed with the calculation

Challenge 3: Develop your fluency



Make a fact flower or more than one if you're up for the challenge! Put the number in the middle and write the number facts for that number on each petal E.g. for 6 you could write:
 $0+6$ $1+5$ $2+4$ $3+3$ $4+2$ $5+1$ $6+0$

Challenge 4: Increase your fluency



Play hit the button –number bonds- up to 10
<https://www.topmarks.co.uk/maths-games/hit-the-button>

Challenge 5: Embed your knowledge

Make a poster to display the facts somewhere around your house. Like the example at the top of the page. Time yourself answering all of the questions. How quickly can you recall all of the number facts? Try again. Can you beat your time?

Challenge 6: Apply your skills

Solve this problem:
Roll a dice. Find as many number facts as you can which include the number you roll. For example, if you roll a two - You can find the number facts $2+8=10$, $8+2=10$, $10-2=8$, $10-8=2$, $2+2=4$, $4-2=2$ etc. Check if you have found all the number facts that include your number.

