

Key Instant Recall Facts Year 3 – Autumn 1

I know number bonds for each number to 100.

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

$0+100=100$	$100+0=100$
$10+90=100$	$90+10=100$
$20+80=100$	$80+20=100$
$30+70=100$	$70+30=100$
$40+60=100$	$60+40=100$
$50+50=100$	$50+50=100$

$$\begin{array}{l} 50 + 50 = 100 \\ 51 + 49 = 100 \\ 52 + 48 = 100 \\ 53 + 47 = 100 \\ 54 + 46 = 100 \\ 55 + 45 = 100 \\ 56 + 44 = 100 \\ 57 + 43 = 100 \\ 58 + 42 = 100 \\ 59 + 41 = 100 \\ 60 + 40 = 100 \end{array}$$

Vocabulary

What do I add to 47 to give a total of 100?

What pairs with 82 to make 100?

Children need to be able to quickly recall number bonds of multiples of ten to 100 (e.g. $20 + 80 = 100$) as well as all further number bonds to 100 between each multiple of 10 (e.g. $21 + 79 = 100$, $22 + 78 = 100$)

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 do not need to practise them all at once; perhaps you could have a fact of the day. If you would like more ideas, please speak to your child's teacher.

Practical resources

Write missing number calculations for your child, e.g. $17 + \underline{\quad} = 100$ or $\underline{\quad} + 68 = 100$. Ask children to see how many number bonds to 100 they can write in one minute, or five minutes

Online resources

<https://www.topmarks.co.uk/maths-games/hit-the-button> Select: Number bonds > Up to 100

Download the **White Rose 1 Minute App** – Select: Addition > Game 7 and Game 8

