Key Instant Recall Facts

Year 3 – Autumn Term 1

I know number bonds 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**.

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

Key vocabulary

What do I add to 47 to give a total of 100?
What pairs with 82 to make 100?

$50 + 50 = 100$
$51 + 49 = 100$
$52 + 48 = 100$
$53 + 47 = 100$
$54 + 46 = 100$
$55 + 45 = 100$
$56 + 44 = 100$
$57 + 43 = 100$
$58 + 42 = 100$
$59 + 41 = 100$
$60 + 40 = 100$

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. $17 + \_\_ = 100$ or $\_\_ + 68 = 100$. Ask children to see how many number bonds to 100 they can write in one minute, or five minutes.