



Year 3 Autumn 1 KIRFS

Key Instant Recall Facts (KIRFs) are designed to support the development of the arithmetic skills that underpin all maths learning in school. KIRFs help reduce the cognitive load when learning maths and greatly support the development of mental maths agility.

Recall of number bonds to 100 - any number by making 90 using the tens and using the ones

E.g. $99 + 1$ $66 + 44$ $36 + 64$

E.g. $34 + \underline{\quad} = 100$

In addition, you can help by practising the following:

2, 5 and 10 times table	$2 \times 1 = 2$ $2 \times 2 = 4$ $2 \times 3 = 6$ $2 \times 4 = 8$ $2 \times 5 = 10$ $2 \times 6 = 12$ $2 \times 7 = 14$ $2 \times 8 = 16$ $2 \times 9 = 18$ $2 \times 10 = 20$ $2 \times 11 = 22$ $2 \times 12 = 24$	$5 \times 1 = 5$ $5 \times 2 = 10$ $5 \times 3 = 15$ $5 \times 4 = 20$ $5 \times 5 = 25$ $5 \times 6 = 30$ $5 \times 7 = 35$ $5 \times 8 = 40$ $5 \times 9 = 45$ $5 \times 10 = 50$ $5 \times 11 = 55$ $5 \times 12 = 60$	$10 \times 1 = 10$ $10 \times 2 = 20$ $10 \times 3 = 30$ $10 \times 4 = 40$ $10 \times 5 = 50$ $10 \times 6 = 60$ $10 \times 7 = 70$ $10 \times 8 = 80$ $10 \times 9 = 90$ $10 \times 10 = 100$ $10 \times 11 = 110$ $10 \times 12 = 120$
1, 10, 100 more and less than a number	Count 1, 10 and 100 more or less than a given number Eg: 700 Eg: 180 Eg: 362		