



## Key Instant Recall Facts (KIRFS) Year 1 - Autumn 1

### Number Bonds to 6 and 7

0 and 6      6 and 0

1 and 5      5 and 1

2 and 4      4 and 2

3 and 3

0 and 7      7 and 0

1 and 6      6 and 1

3 and 4      4 and 3

5 and 2      2 and 5

#### Key Vocabulary

Number bonds: a pair of numbers that add together to make a given total.

E.g: If I have 3 how many do I need to make 7?

### Top Tips

The secret to success is 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.

- You should be able to answer these questions in any order and phrased in any of the given ways.
- Facts for free: because you know  $0 + 7 = 7$ , you also know that  $7 + 0 = 7$
- Different representations: 0 and 7 is the same as  $0 + 7$
- Related subtraction facts: because you know that  $1 + 6 = 7$ , you also know that  $7 - 1 = 6$  and that  $7 - 6 = 1$ .



## Key Instant Recall Facts (KIRFS) Year 1 - Autumn 2

### Number Bonds to 8 and 9

0 and 8	8 and 0
1 and 7	7 and 1
2 and 6	6 and 2
3 and 5	3 and 5
4 and 4	

0 and 9	9 and 0
1 and 8	8 and 1
2 and 7	2 and 7
3 and 6	6 and 3
4 and 5	5 and 4

#### Key Vocabulary

Number bonds: a pair of numbers that add together to make a given total.

E.g: If I have 3 how many do I need to make 7?

### Top Tips

The secret to success is 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.

- You should be able to answer these questions in any order and phrased in any of the given ways.
- Facts for free: because you know  $0 + 8 = 8$  you also know that  $8 + 0 = 8$
- Different representations: 0 and 8 is the same as  $0 + 8$
- Related subtraction facts: because you know that  $1 + 8 = 9$ , you also know that  $9 - 1 = 8$  and that  $9 - 8 = 1$ .