

# KIRFs – YEAR 1

## Stage 1

I know one more and 1 fewer than numbers up to 20

1 more than 1

1 more than 2

1 more than 3 etc.

1 fewer than 20

1 fewer than 19

1 fewer than 18 etc.

### Key Vocabulary

What is **one more** than 6?

What is **one less** than 15?

## Stage 2

I know number bonds for each number to 6

$0+1=1$	$0+4=4$	$0+6=6$
$1+0=1$	$1+3=4$	$1+5=6$
	$2+2=4$	$2+4=6$
$0+2=2$	$3+1=4$	$3+3=6$
$1+1=2$	$4+0=4$	$4+2=6$
$2+0=2$		$5+1=6$
	$0+5=5$	$6+0=6$
$0+3=3$	$1+4=5$	
$1+2=3$	$2+3=5$	
$2+1=3$	$3+2=5$	
$3+0=3$	$4+1=5$	
	$5+0=5$	

### Key Vocabulary

What is 3 **add** 2?

What is 2 **plus** 2?

What is 5 **take away** 2?

What is 1 **less than** 4?

They should be able to answer these questions in any order, including missing number questions

## Stage 3

I know doubles and halves of numbers to 10.

$0+0=0$	$\frac{1}{2}$ of 0 = 0
$1+1=1$	$\frac{1}{2}$ of 2 = 1
$2+2=4$	$\frac{1}{2}$ of 4 = 2
$3+3=6$	$\frac{1}{2}$ of 6 = 3
$4+4=8$	$\frac{1}{2}$ of 8 = 4
$5+5=10$	$\frac{1}{2}$ of 10 = 5
$6+6=12$	
$7+7=14$	
$8+8=16$	
$9+9=18$	
$10+10=20$	

### Key Vocabulary

What is **double** 9?

What is **half** of 6?

## 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 of the day. If you would

GOOD  
LUCK

