

## Key Instant Recall Facts (KIRFs)

By the end of each half term, children should know the following facts. The aim is for them to recall these facts instantly. Please see our school website for guidance and examples of the KIRFs.

	Year 1	Year 2	Year 3	Year 4*	Year 5	Year 6
Aut 1	I know doubles and halves of numbers to 10.	I know doubles and halves of numbers to 20.	I know number bonds for <b>all</b> numbers to 20. For example: $7 + 8 = 15$ $12 + 4 = 16$ $13 = 8 + 5$	I know number bonds to 100.	I know the multiplication and division facts for all times tables up to $12 \times 12$ . (Revision)	I know the multiplication and division facts for all times tables up to $12 \times 12$ . (Revision)
Aut 2	I know number bonds for <b>each</b> number to 6. For example: $2 + 1 = 3$ $3 + 2 = 5$ $4 + 2 = 6$	I know number bonds <b>to</b> 20. For example: $14 + 6 = 20$ $5 + 15 = 20$ $20 = 3 + 17$	I know the multiplication and division facts for the <b>3</b> times table.	I know the multiplication and division facts for the <b>6</b> times table.	I can identify prime numbers up to 20.	I can identify common factors of a pair of numbers.
Spr 1	I know number bonds <b>to</b> 10.	I know the multiplication and division facts for the <b>2</b> times table.	I know the multiplication and division facts for the <b>4</b> times table.	I know the multiplication and division facts for the <b>9</b> and <b>11</b> times tables.	I can recall square numbers up to 144 and their square roots.	I can identify prime numbers up to 50.
Spr 2	I know number bonds for <b>each</b> number to 10.	I know the multiplication and division facts for the <b>10</b> times table.	I know the multiplication and division facts for the <b>8</b> times table.	I know the multiplication and division facts for the <b>7</b> times table.	I can find factor pairs of a number.	Know the decimal and percentage equivalents of the fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{3}{4}$ , $\frac{1}{3}$ , $\frac{2}{3}$ , tenths and fifths.
Sum 1	I can tell the time (o'clock and half past).	I know the multiplication and division facts for the <b>5</b> times table.	I can recall facts about durations of time.	I can recognise decimal equivalents of fractions.	I know decimal number bonds to 1 and 10.	I can convert between decimals, fractions and percentages.
Sum 2	I can count in 1s (up to 50), 2s (up to 20), 5s (up to 50) and 10s (up to 100).	I can tell the time (quarter hour intervals and 5 minutes).	I can tell the time (5 minutes and nearest minute).	I can multiply and divide single-digit numbers by 10 and 100.	I can recall metric conversions.	Know the square roots of square numbers to $15 \times 15$ .

\*Children in Year 4 will be taking the 'Multiplication Tables Check' to determine whether year 4 pupils can fluently recall their multiplication tables. It is a key stage 2 (KS2) assessment to be taken by pupils at the end of year 4, which is statutory.