

Year One

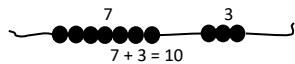
Adding together one and two digit numbers to 20.
Adding numbers in any order.

Numicon



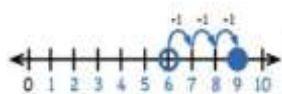
$$7 + 3 = 10$$

Bead String

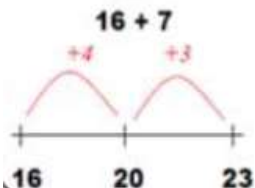


Number line

$$6 + 3 = 9$$

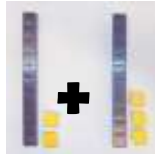


$$16 + 7 = 23$$

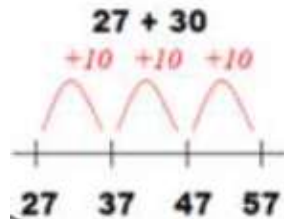
**Year Two**

Adding up to two 2-digit numbers together.

Use Diennes to calculate TU + TU.



Use a number line to add up to two 2-digit numbers together.



Use a partitioning to add up to two 2-digit numbers together.

$$53 + 29$$

$$50 + 20 = 70$$

$$3 + 9 = 12$$

$$70 + 12 = 84$$

Year Three

Adding up to two 3 digit numbers together using formal written methods.

Use expanded column addition to add together up to 3-digit numbers.

$$\begin{array}{r} 236 \\ + 73 \\ \hline 100 \\ 200 \\ \hline 309 \end{array}$$

Use column addition to add together up to 3-digit numbers.

$$\begin{array}{r} 236 \\ + 73 \\ \hline 309 \end{array}$$

Year Four

Adding up to two 4 digit numbers together using formal written methods.

Use column addition to add together up to 4-digit numbers.

$$\begin{array}{r} 3481 \\ + 1362 \\ \hline 4843 \end{array}$$

Use column addition to add any pair of decimal numbers; with up to 2 decimal places; including amounts of money.

$$\begin{array}{r} £3.59 \\ + £3.55 \\ \hline £7.14 \end{array}$$

Year Five

Adding up to two 4 digit numbers together as well as numbers with up to 2 decimal places using formal written methods.

Use column addition to add together up to 4-digit numbers.

$$\begin{array}{r} 23481 \\ + 1362 \\ \hline 24843 \end{array}$$

Use column addition to add any pair of decimal numbers; with up to 2 decimal places; including amounts of money.

$$\begin{array}{r} £23.59 \\ + £7.55 \\ \hline £31.14 \end{array}$$

Year Six

Adding increasing larger numbers and decimals with up three decimal places to using formal written methods.

Use column addition to add together increasingly larger numbers.

$$\begin{array}{r} 81059 \\ + 3668 \\ \hline 15301 \\ + 20551 \\ \hline 120579 \end{array}$$

Use column addition to add any decimal numbers; with up to 3 decimal places; including amounts of money.

$$\begin{array}{r} 23.361 \\ + 9.080 \\ \hline 59.770 \\ + 1.300 \\ \hline 93.511 \end{array}$$

--	--	--	--	--	--	--