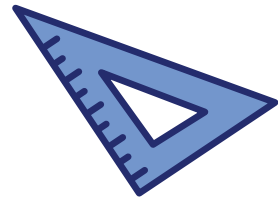
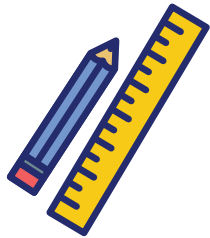


ADDITION

Strategies





Addition Strategies

ADD THE PARTS

Break the numbers down into easier, more manageable amounts.

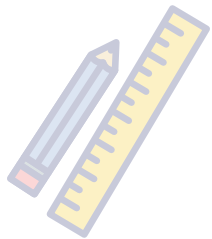
$$322 + 284 = ?$$

$$322 + 200 = 522$$

$$522 + 80 = 602$$

$$602 + 4 = 606$$

$$322 + 284 = 606$$





Addition Strategies

PARTITIONING

Expand the numbers into places before adding them.

$$48 + 13 = ?$$

$$40 + 8 + 10 + 3 = ?$$

↓ ~~↙ ↘~~ or ↓

$$40 + 10 + 8 + 3 = 61$$

$$48 + 13 = 61$$



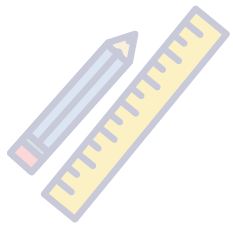
Addition Strategies

TALLY MARKS OR PICTURES

Use tally marks or pictures to work out addition.

$$5 + 3 = ?$$

$$5 + 3 = 8$$





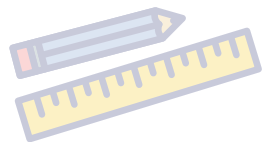
Addition Strategies

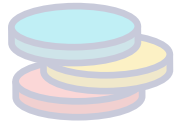
100s CHART

Move down to add 10.
Move across to the right to add 1.

$$23 + 11 = ?$$

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40





Addition Strategies

SPLIT STRATEGY

Split a number into parts and add each part separately. This is useful for large numbers.

$$52 + 47 = 99$$

$$52 \begin{cases} 50 \\ 2 \end{cases} + 47 \begin{cases} 40 \\ 7 \end{cases} \rightarrow \begin{cases} 50 + 40 = 90 \\ 2 + 7 = 9 \end{cases} \rightarrow 99$$



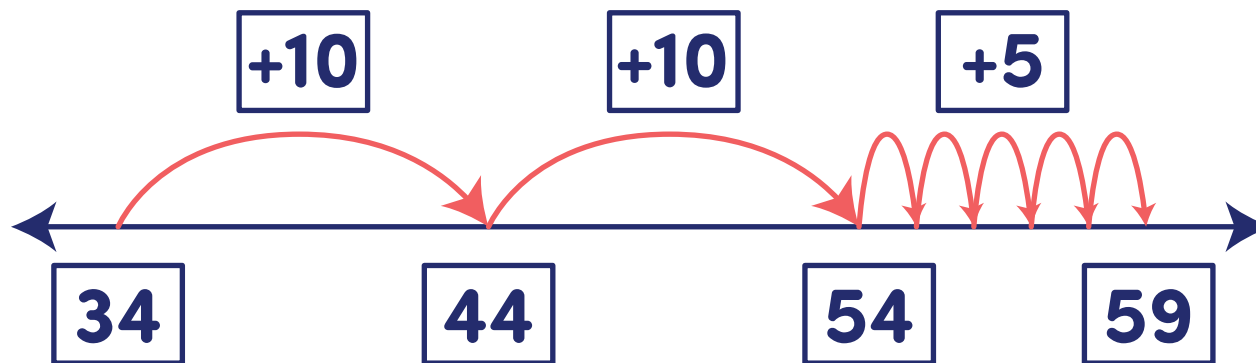


Addition Strategies

NUMBER LINE

Use a number line to jump in tens and ones to arrive at the answer.

$$34 + 25 = ?$$



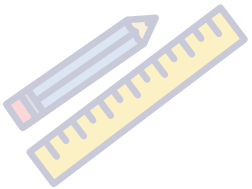


Addition Strategies

MENTAL MATHS

Use mental strategies to work it out in your head.

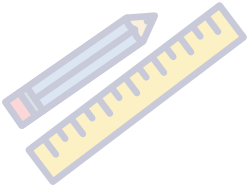
- **Counting on**
- **Number facts**





Addition Strategies
ALGORITHM

Set out your sum vertically. Always start in the column on the right.



	T	O
	2	1
+	3	4
<hr/>		
	5	5





Addition Strategies

ALGORITHM WITH CARRYING

Set out your sum vertically. Start in the ones column. Carry the ten into the tens column.

	T	O
	1	
	2	8
+	3	4
	6	2

