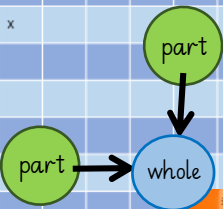


# 1. Vital vocabulary: Year 2 strategies

Word/Phrase	Definition
Number bonds	A <b>fact about 3 numbers</b> that you know straight away.
Rolling 2s, 5s and 10s	<b>Counting</b> out loud in <b>steps</b> of 2, 5 or 10.
Count on	<b>Counting</b> where the numbers become <b>greater</b> .
Count back	<b>Counting</b> where the numbers become <b>smaller</b> .
Column	Where numbers stand <b>on top of each other</b> , like a column->
Regrouping	When you need to <b>change the groups of tens or ones</b> .
Part	Parts <b>add up</b> to make a whole.
Whole	A whole can be <b>split into</b> 2 or more parts.

## 2. Number bonds to 20 and within 20

Parts	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x	
2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x		
3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x			
4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x				
5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x					
6	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x						
7	7	8	9	10	11	12	13	14	15	16	17	18	19	20	x							
8	8	9	10	11	12	13	14	15	16	17	18	19	20	x								
9	9	10	11	12	13	14	15	16	17	18	19	20	x									
10	10	11	12	13	14	15	16	17	18	19	20	x										
11	11	12	13	14	15	16	17	18	19	20	x											
12	12	13	14	15	16	17	18	19	20	x												
13	13	14	15	16	17	18	19	20	x													
14	14	15	16	17	18	19	20	x														
15	15	16	17	18	19	20	x															
16	16	17	18	19	20	x																
17	17	18	19	20	x																	
18	18	19	20	x																		
19	19	20	x																			
20	20	x																				



part + part = whole  
whole - part = part

Use the ruler strategy to read the number bonds correctly.

## 3. Rolling 2s, 5s and 10s

Count on → Start from any number ← Count back

0 2 4 6 8 10 12 14 16 18 20 22 24

0 5 10 15 20 25 30 35 40 45 50 55 60

0 10 20 30 40 50 60 70 80 90 100 110 120

## 4. Column addition and subtraction without regrouping

Label ①  $25 + 14 =$

Draw ②

Column ③

$$\begin{array}{r} 25 \\ + 14 \\ \hline 39 \end{array}$$

Check with inverse ④  $39 - 14 =$

Label ①  $39 - 25 =$

Draw ②

Column ③

$$\begin{array}{r} 39 \\ - 25 \\ \hline 14 \end{array}$$

Check with inverse ④  $14 + 25 =$

Add or subtract the ones first and then deal with the tens!

