

# THE WHITE BOOKS

by Teacher Tools Ltd

## The next step in Numeracy:

Activity sheets and video lessons for students from Year 0 to Year 8.

**YEAR 4: ADDITION AND SUBTRACTION - Addition**

Strategy 1: I am learning to solve addition problems where one number is close to 10 and the answer is not more than 100.

Example One:  $45 + 9 = 54$

Take one away from the 45. We will add this one to the 9 to change it into a tidy number.

Example Two:  $38 + 7 = 45$

Add two to the 38 to change it into a tidy number.

1) Fill in the gaps below.

a)  $27 + 9 = \dots$

b)  $34 + 8 = \dots$

c)  $18 + 5 = \dots$

d)  $33 + 9 = \dots$

e)  $56 + 8 = \dots$

f)  $37 + 11 = \dots$

g)  $24 + 12 = \dots$

h)  $36 + 9 = \dots$

i)  $18 + 11 = \dots$

j)  $36 + 8 = \dots$

k)  $43 + 8 = \dots$

l)  $29 + 3 = \dots$

m)  $45 + 12 = \dots$

n)  $38 + 9 = \dots$

o)  $44 + 12 = \dots$

p) Why does one number always get bigger and the other number always get smaller?

### Video Button

Video button indicates that this lesson can be viewed at [www.teachertools.co.nz](http://www.teachertools.co.nz)

### Learning Intention

The lesson goal is stated.

### Example Question

A worked example is provided. The worked example includes instructions and shows how working should be recorded.

### Section 1

This section provides scaffolded examples for students to work through. Working is also shown in this section. As students progress through this section less support is provided.

### Stop Check

This question ensures students understand why they are doing what they are doing to encourage a better understanding of the process involved.

### Section 2

No scaffolding is provided. Students are expected to answer these questions using the strategy and working that was described on the previous page.

### Word Problems

Students now apply the strategy they have mastered to word problems. These word problems are examples of the types of questions identified in the National Standards for this year level.

### Review

The key points in the lesson are highlighted.

2) Complete the following questions. Set them out like the questions on the previous page.

a) $63 + 9 = \dots$	d) $23 + 11 = \dots$	g) $55 + 12 = \dots$
b) $33 + 8 = \dots$	e) $36 + 9 = \dots$	h) $38 + 8 = \dots$
c) $46 + 11 = \dots$	f) $44 + 8 = \dots$	i) $43 + 9 = \dots$

3) Word Problems:

a) I have 43 stamps and I collect 8 more stamps. How many stamps do I have now?

b) We have 16 oranges and we buy another 9 oranges. How many oranges do we have now?

c) Our class has 34 colouring pencils and our teacher buys us 8 more. How many colouring pencils do we have now?

d) I have made 23 biscuits on one baking tray and another 11 biscuits on another tray. How many biscuits have I made?

e) My brother has 26 marbles and I have 9 marbles. How many marbles do we have all together?

f) I spent 33 minutes cleaning my room this morning and another 12 minutes cleaning it this afternoon. How long have I spent cleaning my room today?

g) Sarah counts 54 white sheep in a paddock and 11 black sheep. How many sheep are there in total?

h) Zoe picked 45 strawberries and her little sister picked another 9 strawberries. How many strawberries have they picked in total?

i) Craig's chickens laid 13 eggs yesterday and another 9 today. How many eggs has he collected in the last two days?

j) Andrew read 12 books last term and another 15 books this term. How many books has he read in total over the last two terms?

Key Points	Why
Change one of the numbers into a 10 (ten is a tidy number).	It's easy to add 10 to another number because the ones digit never changes. (e.g. $13 + 10 = 23$ )
One side gets bigger (adding) and the other side gets smaller (subtracting).	Because you are moving an amount from one group (making it smaller) to the other group (making it bigger).

TEACHER TOOLS LTD



[www.teachertools.co.nz](http://www.teachertools.co.nz)

## Teacher Tools ADDITION AND SUBTRACTION The White Books



## Teacher Tools MULTIPLICATION & DIVISION The White Books



## Teacher Tools FRACTIONS, DECIMALS & PERCENTAGES The White Books



**ORDER NOW!**

View online at [www.teachertools.co.nz](http://www.teachertools.co.nz)



# ORDER FORM

Teacher Tools Ltd  
PO Box 8813  
Christchurch  
New Zealand

Email:  
teachertoolsnz@yahoo.co.nz  
Web: www.teachertools.co.nz  
Cell: 021 908 040  
Fax: (03) 348 4515

Date:  Order No.:

Contact Person:

School:

Postal Address:

Email:

Phone:  Signed:

Unit prices are GST inclusive and include postage and packaging.

DESCRIPTION	UNIT PRICE			QUANTITY	AMOUNT
	1st copy	2nd copy	PDF		
<b>NEW</b> Addition & Subtraction - the white books	\$54.95	\$49.95	n/a		
<b>NEW</b> Multiplication & Division - the white books	\$54.95	\$49.95	n/a		
<b>NEW</b> Fractions, Decimals & Percentages - the white books	\$54.95	\$49.95	n/a		
Addition & Subtraction Book 1	\$44.95	\$39.30	\$37.00		
Multiplication & Division Book 1	\$44.95	\$39.30	\$37.00		
Fractions, Decimals and Percentages Book 1	\$44.95	\$39.30	\$37.00		
Algebra Book 1	\$48.95	\$43.80	\$37.00		
Geometry & Measurement Level 1 & 2, Book 1	\$49.95	\$44.95	\$37.00		
Geometry & Measurement Level 3 & 4, Book 2	\$49.95	\$44.95	\$37.00		
Statistics & Probability Level 1 & 2, Book 1	\$49.95	\$44.95	\$37.00		
Statistics & Probability Level 3 & 4, Book 2	\$49.95	\$44.95	\$37.00		
Basic Facts Book	\$49.95	\$44.95	\$37.00		
Addition & Subtraction - Helping students succeed	n/a	n/a	\$37.00		
Assessment Book	\$49.95	\$44.95	\$37.00		
<b>Fifteens</b> 🍌 For every five packs bought get an extra pack free.	\$9.95	\$44.95	n/a		
<b>TOTALS</b>					\$