

NEW WAVE
NUMBER AND ALGEBRA (YEAR 1)
STUDENT WORKBOOK ANSWERS

N&PV – 1

Page 2 Card counting

- 11, 12, 13, 14, 15
24, 25, 26, 27, 28
19, 20, 21, 22, 23
30, 31, 32, 33, 34

Page 3 Dice roll

Teacher check

Page 4 Count back

- 4, 3, 2, 1
7, 6, 5, 4
9, 8, 7, 6
12, 11, 10, 9
19, 18, 17, 16

Page 5 Rainbow counting

- 17, 18, 19 (20) 21, 22, 23
32, 33, 34 (35) 36, 37, 38
46, 47, 48 (49) 50, 51, 52
55, 56, 57 (58) 59, 60, 61
69, 70, 71 (72) 73, 74, 75
77, 78, 79 (80) 81, 82, 83
92, 93, 94 (95) 96, 97, 98
97, 98, 99 (100) 101, 102, 103

2.–3. Teacher check

Page 6 You can count in twos, too!

- 4, 6, 8, 10, 12
- 12

Page 7 The busy bus

- 10
- Dependent on students drawing
- 20 on bottom level
14 on top level
34 altogether

Page 8 Terrific toe counting

- 40
- Teacher check

Page 9 Tally five

- Number of blue cars 10
Number of black cars 30
Number of green cars 15
Number of red cars 25
Number of other coloured cars 20
- Teacher check

Page 10 Paper chain

- 70 links
- Teacher check

Page 11 Button up

- 50 buttons
- Teacher check

Page 12 One more, one less

-

Number before		Number after
23	24	25
38	39	40
49	50	51
70	71	72
27	28	29
76	77	78
92	93	94

Page 13 Sun smart














- Teacher check
- 55, 56, 57 29, 30, 31
16, 17, 18 21, 22, 23
81, 82, 83 94, 95, 96
44, 45, 46 67, 68, 69

Page 14 Missing numbers

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110

N&PV – 2

Page 15 Find my friends

one	1	
two	2	
three	3	
four	4	
five	5	
six	6	
seven	7	
eight	8	
nine	9	
ten	10	
eleven	11	
twelve	12	
thirteen	13	

Page 16 Terrific teens

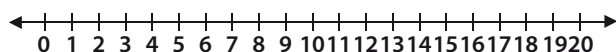
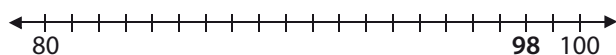
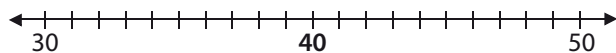
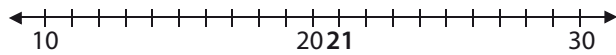
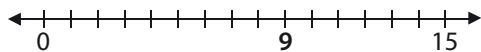
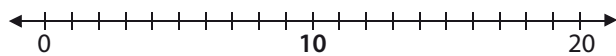
19, 17, 16, 13, 14, 18, 15

Page 17 I have ...

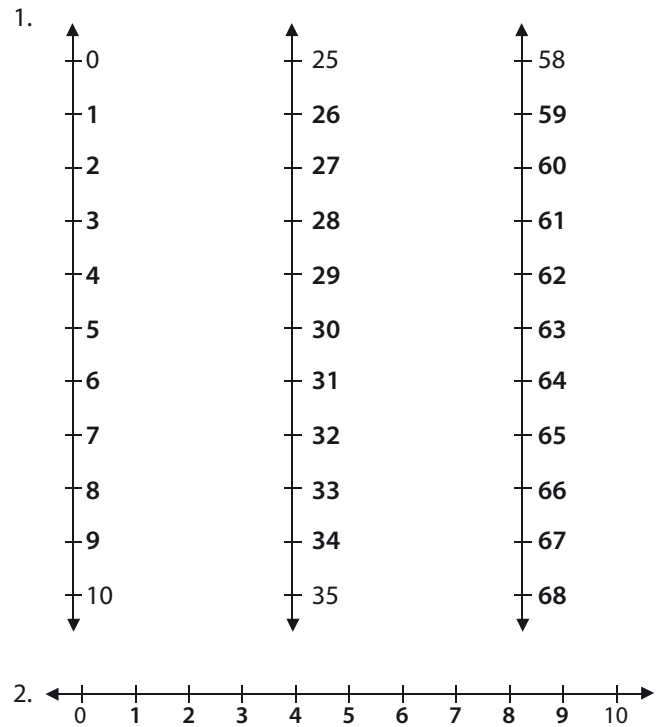
- (a) 30
(b) 37
(c) 74

Challenge: 9 people

Page 18 I belong here



Page 19 Number line



Page 20 Two-digit dice

Teacher check

Page 21 Matching number

- (a) 42 (b) 35
(c) 60 (d) 29
(e) 20
- 20, 29, 35, 42, 60

Page 22 What number am I?

- (a) 77
(b) 25
(c) 77
(d) 77, 83
(e) 84 to 99
(f) 0 to 18

Page 23 Tricky teens – 1

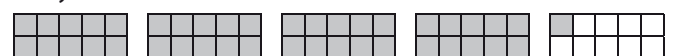
Thirty-one



Fourteen



Forty-one



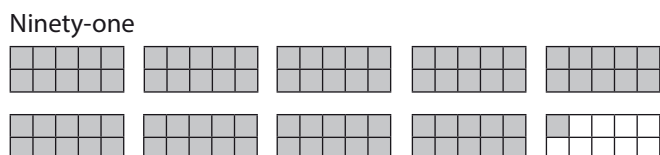
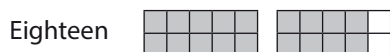
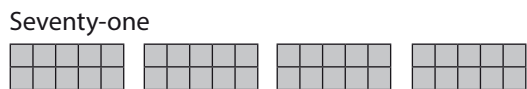
Fifteen



Fifty-one



Page 24 **Tricky teens – 2**



Page 25 **Toffee apple 10s**

1. No
2. 9
3. 58
4. Teacher check
5. 75

Page 27 **Zany zoo – 2**

1. 10
2. 60
3. 25
4. 25
5. 70
6. 50

N&PV – 3

Page 28 **Too many buttons!**

1. 4
6
3
2
3
2. Answers will vary. Teacher check

Page 29 **Groups of 10**

Teacher check

Page 30 **Dinosaur discovery – 1**

1. 90
2. Teacher check

Page 31 **Dinosaur discovery – 2**

Teacher check

N&PV – 4

Page 32 **Tens ahoy! – 1**

Teacher check

Page 33 **Tens ahoy! – 2**

Teacher check

Page 34 **Equal or not? – 1**

1. (a) 15 (b) 15 (c) yes
2. (a) 16 (b) 16 (c) yes
3. (a) 14 (b) 14 (c) yes

Page 35 **Equal or not? – 2**

4. 17 and 17
16 and 16
19 and 19
13 and 13
11 and 11
5. Teacher check

Page 36 **Adding chant**

1. 8
2. 11
3. 11
4. 13
5. 14

Page 37 **Count on from the big**

1. 15
2. 12
3. 16
4. 15
5. 9

Page 38 **Hidden treasure**

1. 14
2. 26
3. 37
4. 68
5. 91
6. 90
7. 79

Page 39 Find my partner

1. $10 + 10$
- $11 + 9$
- $1 + 19$
- $14 + 6$
- $12 + 8$
- $20 + 0$
- $7 + 13$
- $15 + 5$

2. Teacher check

Page 40 The takeaway restaurant

1. 2
2. 6
3. 5
4. 3
5. 3






Page 41 Skittles down

$12 - 3$	9
$12 - 1$	11
$12 - 5$	7
$12 - 6$	6
$12 - 12$	0
$12 - 0$	12
$12 - 2$	10
$12 - 4$	8
$12 - 8$	4
$12 - 10$	2

Page 42 Fancy food

1. 4
2. 6
3. 12
4. 2

Page 43 Domino domination

1. 
2. 
3. 
4. 
5. 

6. Teacher check

F&D – 1

Page 44 Half or not?

Teacher check

Page 45 Two halves make a whole

Teacher check

Page 46 Cooking in the kitchen

Teacher check

Page 47 Make me whole

Teacher check

Page 48 How many would make a half?

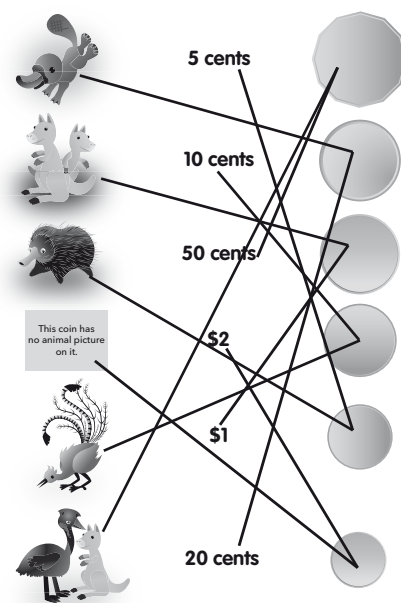
1. 6
2. 4
3. 7

Page 49 Birthday halves

Teacher check

M&FM – 1

Page 50 Coin match



Page 51 How much is it worth?

1. 5c, 10c, 20c, 50c, \$1, \$2
2. 5c, 10c, 20c, 50c
3. \$1, \$2

Page 52 Order the coins

1. Coin set (c)
2. 50c
3. No
4. Yes

Page 53 Money in Australia

- 7c, 15c, 30c, 2c, 90c, \$5, 40c, \$100, 1c
- Teacher check

Page 54 What coin am I?

- 5c, 10c, 20c, 50c, \$1, \$2
- (a) 5c
(b) 50c
(c) \$2
(d) \$1
(e) 5c
(f) 20c
(g) 10c

Page 55 Garage sale

- teddy bear \$2
toy car 50c
ball \$1
toy soldiers 20c
bag of marbles 10c
yoyo 5c
- cards 5c, recorder 10c, doll 20c, guitar 50c, book \$1, train \$2

P&A – 1

Page 56 Pattern practice

- (a) 12, 14, 16
(b) 30, 35, 40
(c) 70, 80, 90
(d) 31, 36, 41
(e) 63, 65, 67
(f) 90, 80, 70
(g) 90, 88, 86
(h) 15, 18, 21
(i) 20, 24, 28
(j) 24, 30, 36

Page 57 Two up

Teacher check

Page 58 Skip five

- Teacher check
- 45, 40, 35, 30, 25, 20, 15

Page 59 Ten more, please

- 30, 40, 50, 60, 70
16, 26, 36, 46, 56
22, 32, 42, 52, 62

Page 60 Odd or even?

- 10, even
7, odd
11, odd
12, even

Page 61 An odd monster

- 10, 30, 20, 26, 12, 8, 2, 14, 22, 6, 4, 24, 16, 28, 12
- Teacher check

Page 62 My own pattern

- Counting in 2s
- 3. Teacher check

Page 63 Drawing a blank

46	47
56	57

72	
82	83
93	

31	
41	
51	52

79	80
90	
100	

6	
16	
27	28

90		
99	100	101

24	25	26	27
----	----	----	----

Page 64 Lollipop patterns

Teacher check

Page 65 Fancy photo frames

Teacher check

Page 66 Triangle numbers

- 15 circles



- 28 circles

