

NEW WAVE
NUMBER AND ALGEBRA (FOUNDATION)
STUDENT WORKBOOK ANSWERS

N&PV – 1

Page 2 Star count

Teacher check

Page 3 One, two, three, four

Teacher check

Page 4 Go fish!

1. Teacher check
2. 9 fish coloured in
3. 7 fish drawn and numbered

Page 5 Blast-off

Teacher check

Page 6 Lunchtime counting

1. 7, 6, 5, 4, 3, 2
 10, 9, 8, 7, 6, 5, 4
 12, 11, 10, 9, 8
 18, 17, 16, 15, 14, 13, 12

Page 7 Tree leaves

Teacher check

Page 8 What comes next?

1. Teacher check
2. 3, 4, 5, 6, 7, 8
 6, 7, 8, 9, 10, 11
 11, 12, 13, 14, 15, 16

N&PV – 2

Page 9 Happy birthday

1. 6, 10, 16
2. Teacher check

Page 10 Playing cards

1. 4, 7, 10, 8, 3, 9
2. Teacher check

Page 11 Jelly bean jars

Jars to be coloured:

- | | | |
|----------------|----------------|------------|
| 1 = red | 2 = yellow | 3 = orange |
| 4 = green | 5 = light blue | 6 = purple |
| 7 = pink | 8 = brown | 9 = grey |
| 10 = dark blue | | |

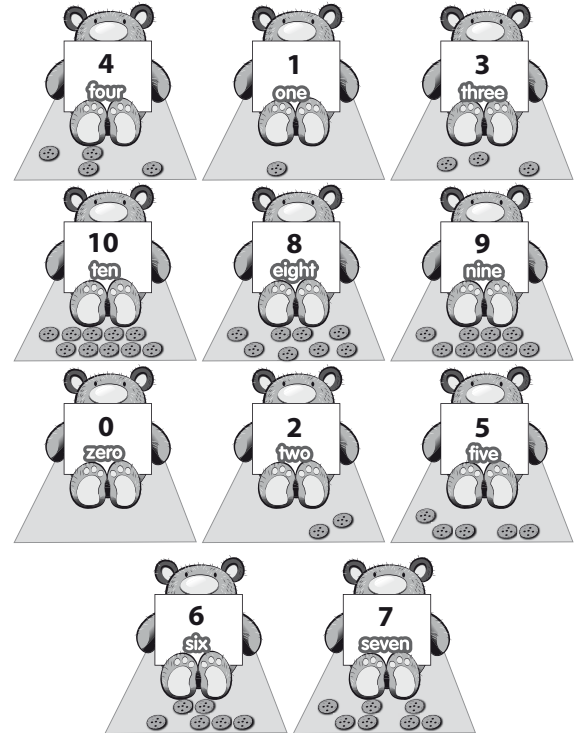
Page 12 Ribbit, ribbit

1. (a) 7 frogs
- (b) 5 frogs
- (c) 9 frogs

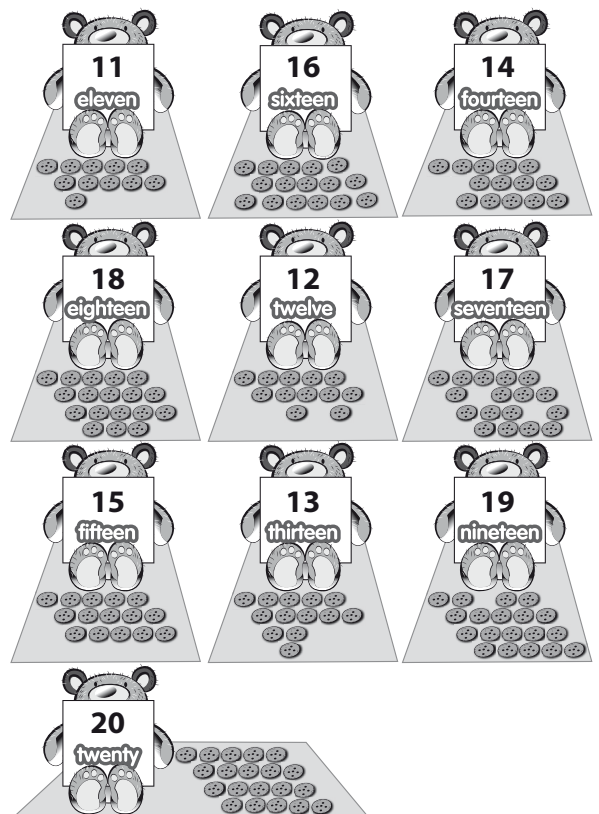
Page 13 Quick draw

Teacher check

Page 14 Teddy bear's picnic-1

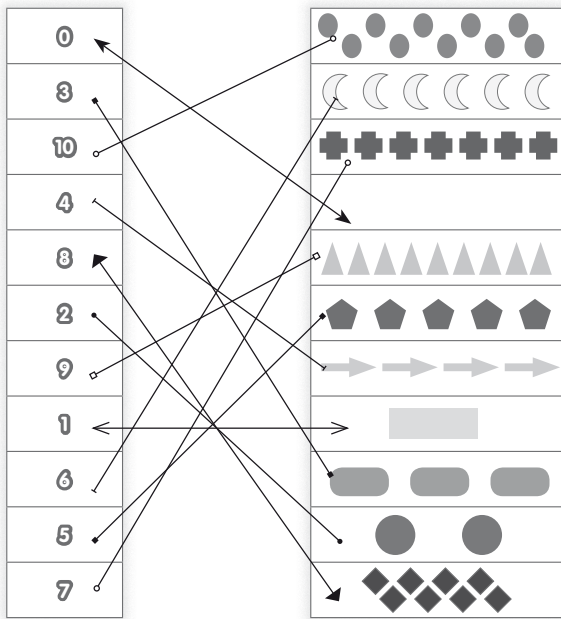


Page 15 Teddy bear's picnic-2



Page 16 Match the number

1.

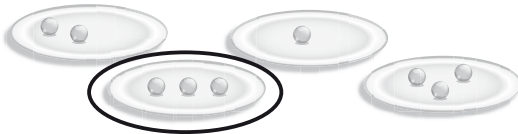


2. 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

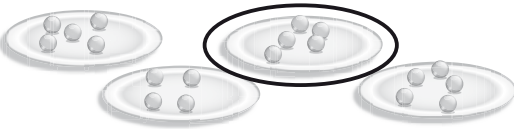
N&PV – 3

Page 17 Peas on a plate

1.



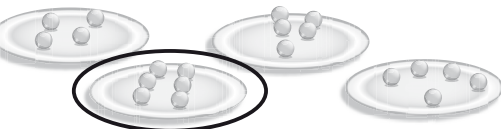
2.



3.



4.



Page 18 A magic trick

1. (a) 2 (b) 4 (c) 6 (d) 3

Page 19 Ladybird spots

1. (a) 4 (b) 4 (c) 6 (d) 5
2. Teacher check

Page 20 Cards and dice

1. (a) 4 (b) 2 (c) 1 (d) 6
(e) 5 (f) 3
2. (a) 5 (b) 6 (c) 8 (d) 7

N&PV – 3

Page 21 Who has more?

1. Child with 6 shells 2. Child with 8 pets
3. Child with 10 toys 4. Teacher check

Page 22 Sweeties colours

1. (a) blue (b) yellow (c) green
2. green 10 yellow 8
blue 9 red 7
brown 7 purple 6

Page 23 Which one doesn't belong?

Answers may vary but acceptable answers include:

1. (a) Big button (in group of small buttons)
(b) Frog (rest are snakes)
(c) Elephant (animal and rest are pets)
(d) Bird (two legs on the bird when the rest of the animals have 4 legs)

Page 24 Less than 20

1. 5, 7, 9, 4 circled
2. 0, 3, 4 circled
3. 12, 11, 10 circled
4. Answers will vary. Teacher check.

Page 25 More or less?

Teacher check

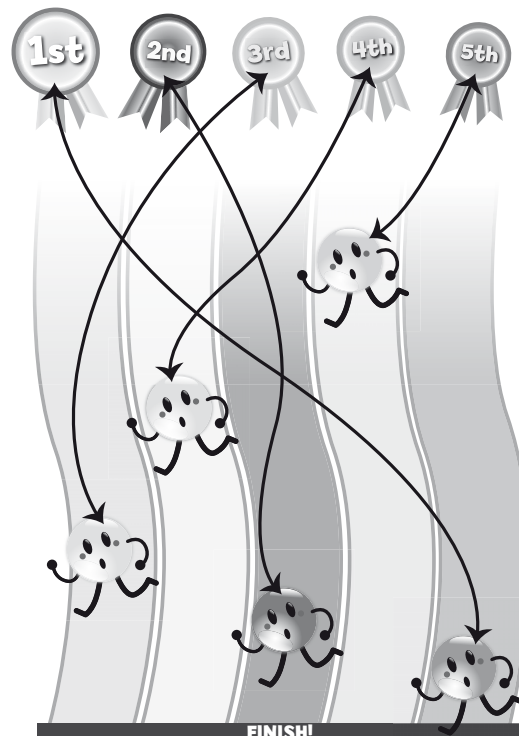
Page 26 Racing cars

Teacher check

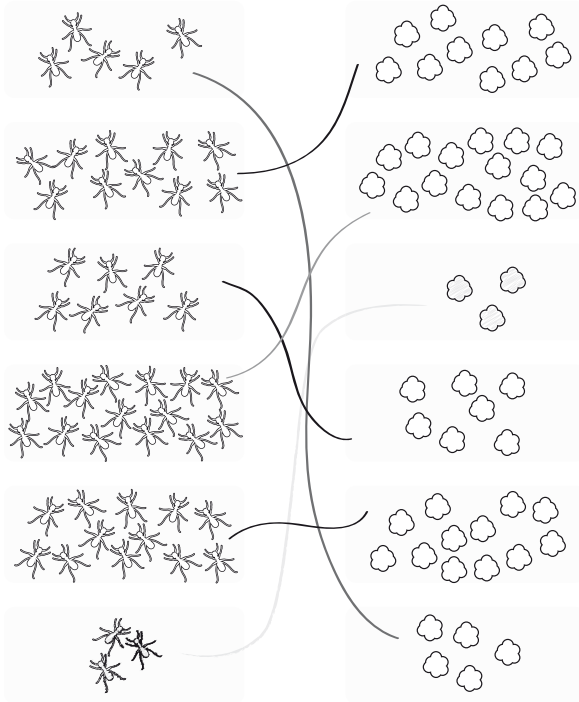
Page 27 At the swim meet

1. black 2. orange 3. red 4. yellow
5. green 6. blue

Page 28 Sports day



Page 29 We are the same



Page 30 Silly sausages

- 1 2. 2 3. 1
4. 3 5. 0 6. 1
7. Answers will vary. Teacher check.

Page 31 Seven socks

- 2, 3, 5, 7, 9, 10, 12
- 1, 4, 6, 8, 15, 18, 20
- 11, 12, 13, 14, 15, 16, 17

N&PV – 4

Page 32 Funny farmers

- (a) $4 + 2 = 6$ sheep
(b) $6 + 3 = 9$ cows
(c) $5 + 3 = 8$ goats
- 27

Page 33 Dice dots

- (a) 7 (b) 4 (c) 7 (d) 6 (e) 10
- Teacher check

Page 34 How many more?

- 6 spots + 4 spots to make 10 spots
9 spots + 1 spot to make 10 spots
7 spots + 3 spots to make 10 spots
5 spots + 5 spots to make 10 spots
2 spots + 8 spots to make 10 spots

Page 35 Altogether in the shop

- 5 apples and 4 bananas makes 9
- 3 carrots and 6 tomatoes makes 9
- 1 watermelon and 4 lettuces makes 5
- Answers may vary. Teacher check.

Page 36-37 Making 10

Teacher check

Page 38 Popped balloons!

- (a) 4 balloons left
(b) 5 balloons left
(c) 4 balloons left

Page 39 Buzzing bees

- 5 bees 2. 6 bees
3. 4, 4 bees 4. 11, 5, 6 bees

Page 40 How many legs?

- 8 2. 6 3. 10 4. 16 5. 12

Page 41 Who ate the cake?

- (a) 2 (b) 4 (c) 5 (d) 12
- 9
- Answers will vary. Teacher check.

Page 42-43 Car counting

Answers will vary. Teacher check.

Page 44 Amazing adding

- 14 2. 9 3. 8
- (a) 12 (b) Teacher check

Page 45 Fair sharing

- 3 2. 12

Page 46-56 My number is ...

Teacher check

P&A – 1

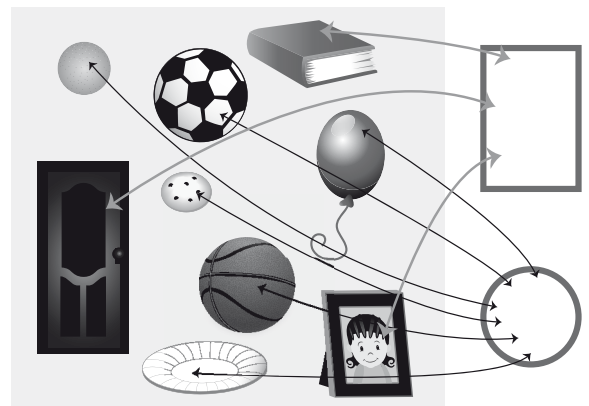
Page 57 Patterns at home

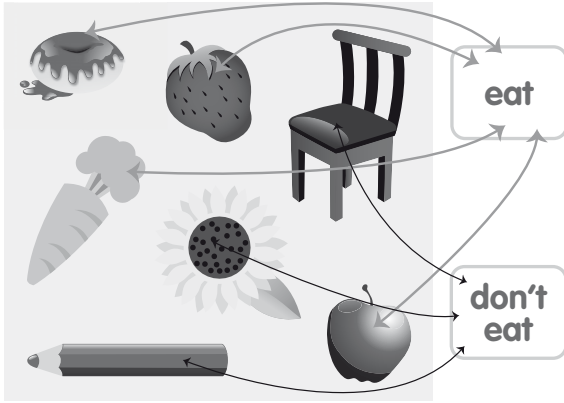
Teacher check

Page 58 Keep it up!

- (a) triangle, circle, square
(b) big circle, little circle, little circle
(c) blue square, blue circle, red square, red circle
- Answers will vary.

Page 59 Smart sort





Page 60 **Patterns in our world**

1. (a) moon, sun, moon
(b) flower, sun, orange leaf
(c) 6, 7, 8 candles

Page 61 **Make the pattern**

Answers will vary. Teacher check.

Page 62 **What comes next?**

1. ant
raincloud
banana
daffodil
yellow car
beanie