

Pupil's Book Answers

1. Look Back

Page 2

- $3 + 6 = 9$
 $4 + 4 = 8$
 $5 + 3 = 8$
 $3 + 2 = 5$
 $2 + 5 = 7$
 $7 + 1 = 8$
 $8 + 2 = 10$
 $6 + 0 = 6$

Page 4

- $2 + 5 = 7$
 $3 + 1 = 4$
 $5 + 4 = 9$
 $1 + 6 = 7$
 $9 + 1 = 10$
 $3 + 7 = 10$
 $3 + 1 = 4$
 $2 + 2 = 4$
 $7 + 2 = 9$
 $1 + 9 = 10$
 $7 + 3 = 10$
 $1 + 1 = 2$

- $4 + 3 = 7$
 $2 + 8 = 10$
 $1 + 4 = 5$
 $5 + 3 = 8$
 $3 + 3 = 6$
 $4 + 4 = 8$
 $5 + 5 = 10$
 $8 + 1 = 9$
 $10 + 0 = 10$
 $6 + 2 = 8$
 $5 + 0 = 5$
 $4 + 2 = 6$
 $3 + 2 = 5$
 $7 + 0 = 7$

Page 5

- $3 + 0 + 2 = 5$
- $1 + 8 + 0 = 9$
- $4 + 0 + 3 = 7$
- $4 + 4 + 2 = 10$
- $5 + 2 + 2 = 9$
- $5 + 5 + 0 = 10$
- $2 + 6 + 2 = 10$

Page 6

- $4 + 2 = 6$
 $5 + 0 = 5$
 $9 + 1 = 10$
 $2 + 7 = 9$
 $5 + 3 = 8$
 $8 + 2 = 10$
- $3 + 1 + 2 = 6$
 $4 + 3 + 1 = 8$
 $7 + 1 + 1 = 9$
 $2 + 4 + 3 = 9$
 $2 + 2 + 5 = 9$
 $6 + 0 + 2 = 8$

2. Addition 1

Page 7

- $4 + 6 = 10$
 $1 + 9 = 10$
 $2 + 8 = 10$
 $8 + 2 = 10$
 $5 + 5 = 10$
 $7 + 3 = 10$
 $0 + 10 = 10$
 $10 + 0 = 10$
 $3 + 7 = 10$
 $9 + 1 = 10$
 $6 + 4 = 10$
 $2 + 3 + 5 = 10$

- $5 + 5 = 10$
 $3 + 7 = 10$
 $6 + 4 = 10$
 $2 + 8 = 10$
 $7 + 3 = 10$
 $8 + 2 = 10$
 $9 + 1 = 10$
 $0 + 10 = 10$
 $1 + 9 = 10$
 $10 + 0 = 10$
 $4 + 6 = 10$
 $3 + 5 + 2 = 10$

Page 8

- $4 + 0 = 4$
 $8 + 0 = 8$
 $1 + 0 = 1$
 $2 + 0 = 2$
 $5 + 0 = 5$
 $7 + 0 = 7$
 $6 + 0 = 6$
 $3 + 0 = 3$
 $9 + 0 = 9$
- $0 + 1 = 1$
 $0 + 9 = 9$
 $0 + 2 = 2$
 $0 + 8 = 8$
 $0 + 3 = 3$
 $0 + 7 = 7$
 $0 + 4 = 4$
 $0 + 6 = 6$
 $0 + 5 = 5$
- $3 + 0 = 3$
 $5 + 0 = 5$
 $4 + 0 = 4$
 $6 + 0 = 6$
 $7 + 0 = 7$
 $0 + 2 = 2$
 $0 + 8 = 8$
 $0 + 5 = 5$
 $0 + 9 = 9$
 $0 + 0 = 0$

Page 9

- $2 + 6 = 8$ apples
- $7 + 3 = 10$ dogs
- $8 + 2 = 10$ cats
- $2 + 4 + 3 = 9$ frogs
- $4 + 1 + 5 = 10$ birds

Page 10

- $5 + 2 = 2 + 5$
 $5 + 4 = 4 + 5$
 $1 + 8 = 8 + 1$
 $7 + 3 = 3 + 7$
 $4 + 3 = 3 + 4$
 $2 + 7 = 7 + 2$
 $3 + 5 = 5 + 3$
 $6 + 2 = 2 + 6$
 $4 + 6 = 6 + 4$

- $6 + 3 = 3 + 6$
 $8 + 2 = 2 + 8$
 $4 + 5 = 5 + 4$
 $3 + 7 = 7 + 3$
 $9 + 1 = 1 + 9$
 $2 + 6 = 6 + 2$
 $7 + 2 = 2 + 7$
 $8 + 1 = 1 + 8$
 $0 + 5 = 5 + 0$

4. Addition 2

Page 17

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

Page 18

- $7 + 4 = 11, 6 + 5 = 11$
 $10 + 1 = 11$
 $9 + 2 = 11, 5 + 7 = 12$
 $10 + 2 = 12$
 $8 + 4 = 12, 5 + 6 = 11$
 $1 + 10 = 11$
- $7 + 4 = 11, 6 + 6 = 12$
 $6 + 5 = 11, 7 + 5 = 12$
 $8 + 3 = 11, 8 + 4 = 12$
 $5 + 6 = 11, 10 + 2 = 12$

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

Page 19

- $10 + 1, 6 + 5, 8 + 3, 6 + 6$
 $10 + 2, 8 + 4, 11 + 1$
 $10 + 3, 5 + 8, 7 + 6$
- $4 + 7 = 11, 8 + 4 = 12$
 $11 + 2 = 13$
 $8 + 5 = 13, 6 + 6 = 12$
 $9 + 4 = 13$
 $10 + 1 = 11, 0 + 13 = 13$
 $12 + 1 = 13$
 $9 + 3 = 12, 5 + 6 = 11$
 $8 + 3 = 11$
- $7 + 5 = 12, 8 + 4 = 12$
 $9 + 3 = 12, 6 + 7 = 13$
 $11 + 2 = 13, 5 + 8 = 13$
 $12 + 0 = 12, 2 + 9 = 11$
 $4 + 7 = 11, 3 + 10 = 13$
- $10 + 1 + 1 = 12$
 $9 + 1 + 2 = 12$
 $8 + 3 + 2 = 13$
 $9 + 4 + 0 = 13$
 $6 + 2 + 3 = 11$
 $7 + 2 + 2 = 11$

6. Addition 3

Page 26

- $7 + 7 = 14, 5 + 10 = 15$
 $13 + 1 = 14, 12 + 3 = 15$
 $9 + 5 = 14, 12 + 2 = 14$
 $11 + 3 = 14, 10 + 4 = 14$
 $8 + 6 = 14, 4 + 11 = 15$
 $13 + 2 = 15, 8 + 7 = 15$
- $7 + 8 = 15, 10 + 5 = 15$
 $8 + 6 = 14, 12 + 2 = 14$

- $9 + 6 = 15, 7 + 8 = 15$
-
- $11 + 4 = 15, 13 + 1 = 14$
-
- $14 + 1 = 15, 5 + 9 = 14$

- $2 + 8 + 4 = 14$
 $9 + 1 + 5 = 15$
 $7 + 3 + 5 = 15$
 $6 + 4 + 4 = 14$
 $4 + 6 + 4 = 14$
 $5 + 5 + 5 = 15$
 $5 + 4 + 6 = 15$
 $4 + 7 + 3 = 14$
 $6 + 3 + 6 = 15$
 $6 + 3 + 5 = 14$
 $7 + 1 + 7 = 15$
 $8 + 3 + 4 = 15$

Page 27

- $10 + 4, 7 + 8, 11 + 4$
 $9 + 7, 8 + 8, 10 + 6$
- $9 + 7 = 16, 8 + 8 = 16$
 $11 + 4 = 15, 8 + 6 = 14$
 $7 + 7 = 14, 9 + 6 = 15$
 $10 + 5 = 15, 2 + 13 = 15$
 $12 + 4 = 16, 9 + 5 = 14$
 $10 + 6 = 16, 11 + 3 = 14$
- $9 + 5 = 14, 11 + 4 = 15$
 $9 + 6 = 15, 7 + 7 = 14,$
 $12 + 2 = 14, 7 + 9 = 16$
 $1 + 13 = 14, 13 + 3 = 16$
 $3 + 12 = 15$
- $10 + 4 + 1 = 15$
 $9 + 1 + 5 = 15$
 $8 + 4 + 2 = 14$
 $9 + 4 + 1 = 14$
 $6 + 2 + 6 = 14$
 $7 + 4 + 4 = 15$
 $5 + 5 + 5 = 15$
 $7 + 6 + 1 = 14$
 $6 + 4 + 4 = 14$

8. Addition 4

Page 36

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

2. $8 + 9 = 17$, $15 + 3 = 18$
 $7 + 10 = 17$, $16 + 2 = 18$
 $12 + 5 = 17$, $9 + 9 = 18$
 $15 + 3 = 18$, $13 + 4 = 17$
 $10 + 8 = 18$, $11 + 7 = 18$

3. $5 + 5 + 8 = 18$
 $9 + 1 + 7 = 17$
 $7 + 3 + 7 = 17$
 $6 + 4 + 8 = 18$
 $4 + 6 + 8 = 18$
 $8 + 2 + 7 = 17$
 $5 + 9 + 3 = 17$
 $4 + 10 + 7 = 21$
 $12 + 3 + 3 = 18$
 $6 + 8 + 4 = 18$
 $7 + 8 + 3 = 18$
 $8 + 3 + 6 = 17$

Page 37

1. $10 + 7$, $9 + 8$
 $11 + 6$, $6 + 12$
 $11 + 7$, $9 + 9$
 $9 + 10$, $15 + 4$
 $11 + 8$

2. $9 + 8 = 17$, $8 + 11 = 19$
 $15 + 4 = 19$, $8 + 9 = 17$
 $7 + 11 = 18$, $9 + 9 = 18$
 $10 + 7 = 17$, $5 + 13 = 18$
 $12 + 6 = 18$, $14 + 5 = 19$
 $10 + 9 = 19$, $11 + 6 = 17$
 $12 + 5 = 17$, $6 + 13 = 19$
 $2 + 16 = 18$, $14 + 3 = 17$

3. $9 + 8 = 17$, $11 + 7 = 18$
 $12 + 6 = 18$, $9 + 9 = 18$
 $11 + 6 = 17$, $12 + 5 = 17$
 $8 + 10 = 18$, $7 + 12 = 19$
 $1 + 16 = 17$

4. $10 + 4 + 3 = 17$
 $9 + 1 + 7 = 17$
 $8 + 8 + 2 = 18$
 $9 + 4 + 4 = 17$
 $6 + 6 + 6 = 18$
 $7 + 7 + 5 = 19$
 $5 + 5 + 8 = 18$
 $7 + 6 + 6 = 19$
 $6 + 7 + 4 = 17$

Page 38

1. $7 + 4 = 11$, $16 + 4 = 20$
 $5 + 8 = 13$, $10 + 7 = 17$
 $6 + 9 = 15$, $13 + 7 = 20$
 $12 + 8 = 20$, $11 + 9 = 20$
 $8 + 8 = 16$, $15 + 5 = 20$
 $17 + 3 = 20$, $7 + 9 = 16$

2. $10 + 10 = 20$, $8 + 9 = 17$
 $11 + 9 = 20$, $15 + 6 = 21$
 $9 + 10 = 19$, $18 + 2 = 20$
 $19 + 1 = 20$, $10 + 9 = 19$
 $14 + 6 = 20$, $13 + 6 = 19$

3. $5 + 5 + 9 = 19$
 $9 + 1 + 10 = 20$
 $7 + 3 + 8 = 18$
 $6 + 4 + 8 = 18$
 $4 + 6 + 10 = 20$
 $8 + 2 + 9 = 19$
 $5 + 4 + 9 = 18$
 $4 + 8 + 8 = 20$
 $12 + 3 + 4 = 19$
 $13 + 3 + 2 = 18$
 $7 + 7 + 6 = 20$
 $8 + 3 + 8 = 19$
 $7 + 9 + 4 = 20$
 $9 + 1 + 9 = 19$
 $10 + 0 + 10 = 20$
 $7 + 8 + 5 = 20$
 $9 + 1 + 10 = 20$
 $10 + 1 + 8 = 19$

4. 18

Page 39

1. $7 + 7 = 14$, $6 + 7 = 13$
 $11 + 5 = 16$, $9 + 4 = 13$
 $15 + 4 = 19$, $18 + 2 = 20$
 $8 + 8 = 16$, $13 + 5 = 18$
 $14 + 2 = 16$, $10 + 9 = 19$
 $10 + 7 = 17$, $9 + 10 = 19$

2. $10 + 10$, $9 + 11$, $12 + 8$
 $8 + 12$, $11 + 9$, $17 + 3$
 $15 + 5$, $8 + 8 + 4$

3. 20

4. 20

Page 40

2. $4 + 4 + 1 = 9$
 $1 + 1 + 3 = 5$
 $2 + 2 + 6 = 10$
 $3 + 3 + 1 = 7$
 $5 + 5 + 4 = 14$
 $4 + 4 + 3 = 11$
 $2 + 4 + 4 = 10$
 $5 + 1 + 1 = 7$
 $4 + 2 + 2 = 8$
 $2 + 3 + 3 = 8$
 $6 + 5 + 5 = 16$
 $2 + 2 + 6 = 10$
 $4 + 3 + 4 = 11$
 $1 + 8 + 1 = 10$
 $5 + 3 + 5 = 13$

Page 41

2. $9 + 9 + 1 = 19$
 $6 + 6 + 3 = 15$
 $7 + 7 + 2 = 16$
 $8 + 8 + 1 = 17$
 $5 + 5 + 5 = 15$
 $9 + 9 + 2 = 20$
 $2 + 6 + 6 = 14$
 $5 + 7 + 7 = 19$
 $4 + 8 + 8 = 20$
 $1 + 7 + 7 = 15$
 $9 + 5 + 5 = 19$
 $0 + 10 + 10 = 20$
 $6 + 3 + 6 = 15$
 $7 + 0 + 7 = 14$
 $8 + 3 + 8 = 19$

Page 42

1. $3 + 3 = 6$, $2 + 2 = 4$
 $4 + 4 = 8$, $5 + 5 = 10$
 $4 + 4 = 8$
 $6 + 6 = 12$, $7 + 7 = 14$
 $8 + 8 = 16$, $9 + 9 = 18$
 $10 + 10 = 20$

2. $4 + 4 = 8, 5 + 5 = 10$
 $7 + 7 = 14$
 $3 + 3 = 6, 6 + 6 = 12$
 $8 + 8 = 16$
 $9 + 9 = 18, 10 + 10 = 20$
 $2 + 2 = 4$

3. $4 + 4 + 5 = 13,$
 $6 + 6 + 3 = 15$
 $2 + 2 + 5 = 9$
 $3 + 3 + 6 = 12$
 $5 + 5 + 9 = 19$
 $4 + 4 + 6 = 14$
 $7 + 7 + 4 = 18$
 $8 + 8 + 1 = 17$
 $9 + 9 + 2 = 20$
 $10 + 10 + 1 = 21$
 $5 + 6 + 6 = 17$
 $3 + 7 + 7 = 17$
 $8 + 3 + 8 = 19$
 $9 + 1 + 9 = 19$
 $10 + 3 + 3 = 16$

Page 43

1. $2 + 2 = 4$
 $2 + 3 = 5$
 $2 + 2 + 1 = 5$

2. $3 + 3 = 6$
 $3 + 4 = 7$
 $3 + 3 + 1 = 7$

3. $4 + 4 = 8$
 $4 + 5 = 9$
 $4 + 4 + 1 = 9$

4. $5 + 5 = 10$
 $5 + 6 = 11$
 $5 + 5 + 1 = 11$

5. $6 + 6 = 12$
 $6 + 7 = 13$
 $6 + 6 + 1 = 13$

6. $7 + 7 = 14$
 $7 + 8 = 15$
 $7 + 7 + 1 = 15$

7. $8 + 8 = 16$
 $8 + 9 = 17$
 $8 + 8 + 1 = 17$

8. $9 + 9 = 18$
 $9 + 10 = 19$
 $9 + 9 + 1 = 19$

Page 44

1. 17, 19, 14, 18
 17, 13, 16, 11
 15, 13, 15, 16

2. $2 + 2 + 8 = 12$
 $4 + 6 + 4 = 14$
 $5 + 8 + 5 = 18$
 $3 + 7 + 5 = 15$
 $1 + 7 + 9 = 17$
 $10 + 9 + 0 = 19$
 $3 + 9 + 7 = 19$
 $9 + 1 + 8 = 18$
 $6 + 4 + 7 = 17$
 $5 + 5 + 1 = 11$
 $8 + 2 + 3 = 13$
 $7 + 3 + 5 = 15$
 $9 + 8 + 2 = 19$
 $7 + 9 + 1 = 17$
 $8 + 4 + 6 = 18$

Page 45

1. $2 + 7 = 9, 11 + 4 = 15$
 $15 + 5 = 20$
 $6 + 12 = 18, 12 + 4 = 16$
 $3 + 17 = 20$
 $4 + 10 = 14, 14 + 2 = 16$
 $3 + 16 = 19$

2. $9 + 8 = 17, 8 + 11 = 19$
 $15 + 5 = 20$
 $8 + 9 = 17, 9 + 11 = 20$
 $9 + 10 = 19$
 $10 + 7 = 17, 13 + 7 = 20$
 $12 + 7 = 19$

3. $9 + 9 = 18, 11 + 9 = 20$
 $12 + 8 = 20, 7 + 9 = 16$
 $11 + 6 = 17, 7 + 12 = 19$
 $12 + 5 = 17, 7 + 12 = 19$
 $8 + 10 = 18, 7 + 12 = 19$
 $1 + 19 = 20, 14 + 3 = 17$

4. $10 + 7 + 3 = 20$
 $9 + 1 + 8 = 18$
 $9 + 4 + 4 = 17$
 $6 + 6 + 8 = 20$
 $5 + 5 + 8 = 18$
 $7 + 6 + 6 = 19$

Page 46

1. $9 + 9 = 18$
 2. $12 + 5 = 17$
 3. $7 + 13 = 20$
 4. $6 + 8 + 3 = 17$

9. 2-D Shapes

Page 47

4. circle, rectangle, triangle, square, semi-circle

Page 48

Puzzler: Triangle, square, circle, semi-circle, rectangle

10. Place Value 1

Page 49

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

Page 50

1. 14

2. $16, 16 = 10 + 6, 16 = 1 \text{ ten and } 6 \text{ units}$

3. $11, 11 = 10 + 1, 11 = 1 \text{ ten and } 1 \text{ unit}$

4. $17, 17 = 10 + 7, 17 = 1 \text{ ten and } 7 \text{ units}$

5. $12, 12 = 10 + 2, 12 = 1 \text{ ten and } 2 \text{ units}$

6. $15, 15 = 10 + 5, 15 = 1 \text{ ten and } 5 \text{ units}$

7. a) $11 = 1 \text{ ten and } 1 \text{ unit}$
 b) $19 = 1 \text{ ten and } 9 \text{ units}$
 c) $15 = 1 \text{ ten and } 5 \text{ units}$
 d) $14 = 1 \text{ ten and } 4 \text{ units}$
 e) $17 = 1 \text{ ten and } 7 \text{ units}$

- f) $16 = 1$ ten and 6 units
 g) $12 = 1$ ten and 2 units
 h) $1 = 0$ ten and 1 unit

Page 51

- $10 + 6 = 16$,
1 ten + 6 units = 16
- $10 + 7 = 17$,
1 ten + 7 units = 17
- $10 + 2 = 12$,
1 ten + 2 units = 12
- $10 + 6 = 16$,
1 ten + 6 units = 16
- $10 + 5 = 15$,
1 ten + 5 units = 15

Page 52

- 1 ten + 5 units = 15
- 1 ten + 1 unit = 11
- 1 ten + 8 units = 18
- 1 ten + 9 units = 19
- 1 ten + 4 units = 14
- 1 ten + 3 units = 13
- 1 ten + 7 units = 17

11. Counting and Numeration 4

Page 53

- 21 23, 24 26, 26 28, 28 30,
20 22, 25 27
- 22

Page 54

- 19 21, 27 29, 38 39, 21 22
38 39, 35 37, 37 38, 39 40
- 34

Page 55

- 8, 9
16, 17
18, 19, 20
31, 32, 33
27, 28 29
30, 31, 32
32, 34, 36
44, 46, 48
- 5, 50, 16, 22, 34, 47

12. Algebra – Extending and Using Patterns

Page 57

- 1, 3, 5, 7, 9
2, 4, 6, 8, 10

13. Data

Page 59

- a) 2
b) 5
c) 3

Page 60

Treat Day!

- 7
- 3
- 4
- a) false
b) true
c) false
d) false
e) true
f) false

Page 61

Tidy Your Room!

- 3, 2, 7, 4
- a) 16
b) 5
c) 2
d) 1

14. Time 1

Page 62

Challenge

$$7 + 7 = 14$$

$$7 + 7 + 7 = 21$$

Days of the Week

Page 63

- 7
- Sunday
- Friday
- Saturday
- Wednesday
- Monday
- Wednesday

- Friday
- Sunday
- Tuesday
- Thursday
- Saturday

Months

Page 64

- 12
- February
- October
- January
- November

Seasons

- 4
- spring, summer, autumn,
winter
- 3
- spring
- autumn
- winter
- winter
- summer

Page 66

March

- Monday
- Wednesday
- 5
- 4
- Wednesday
- 3rd of March
- Thursday
- 15th of March

15. Check-up 1

Page 67

- $3 + 0 = 3$, $0 + 6 = 6$
 $5 + 3 = 8$, $3 + 9 = 12$
- $2 + 6 + 1 = 9$
 $3 + 4 + 2 = 9$
- 18, 19, 20
33, 34, 35
- triangle, semi-circle
- $6 + 2 + 2 = 10$
 $4 + 3 + 5 = 12$
 $2 + 7 + 2 = 11$
- Sunday
- Thursday

16. Subtraction 1

Page 68

- $8 - 2 = 6$
- $5 - 1 = 4$
- $7 - 4 = 3$
- $9 - 5 = 4$
- $8 - 4 = 4$

Page 69

- $8 - 3 = 5$
- $7 - 4 = 3$
- $4 - 2 = 2$
- $9 - 6 = 3$
- $8 - 5 = 3$
- $9 - 5 = 4$
- $10 - 7 = 3$
- $7 - 4 = 3$
- $6 - 5 = 1$

Page 70

Counters

- $8 - 4 = 4$
- $10 - 2 = 8$
- $9 - 5 = 4$
- $7 - 4 = 3$
- $6 - 5 = 1$
- $10 - 5 = 5$
- $7 - 2 = 5$
- $9 - 3 = 6$

Page 71

- $9 - 8 = 1$
- $8 - 6 = 2$
- $6 - 2 = 4$
- $6 - 3 = 3$
- $9 - 5 = 4$
- $7 - 5 = 2$
- $5 - 1 = 4$
- $10 - 3 = 7$
- $7 - 4 = 3$
- $9 - 6 = 3$
- $10 - 8 = 2$
- $4 - 3 = 1$
- $8 - 5 = 3$
- $3 - 2 = 1$

Page 72

- $10 - 5 = 5$
- $7 - 6 = 1$
- $9 - 4 = 5$

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

Page 73

- $4 - 3 = 1$, $9 - 9 = 0$
 $10 - 7 = 3$
- $6 - 3 = 3$, $10 - 8 = 2$
 $8 - 6 = 2$
- $9 - 3 = 6$, $4 - 2 = 2$
 $7 - 5 = 2$
- $6 - 6 = 0$, $5 - 1 = 4$
 $8 - 4 = 4$
- $7 - 7 = 0$, $4 - 1 = 3$
 $6 - 2 = 4$
- $7 - 6 = 1$, $5 - 2 = 3$
 $8 - 1 = 7$, $10 - 3 = 7$
 $9 - 5 = 4$, $8 - 4 = 4$
- $10 - 9 = 1$, $9 - 7 = 2$
 $8 - 0 = 8$, $5 - 5 = 0$
 $8 - 6 = 2$, $10 - 5 = 5$

17. Comparing and Ordering

Page 74

- Tom has 5 more goldfish than Paul.
- Jane has 5 more pencils than Sasha.
- Bobby has 5 more t-shirts than Finbarr.

Less Than

Page 75

- 5
- 8
- 9
- 6
- 3

More Than – Less Than – Same Amount

Page 76

- less than
more than
less than
the same as
less than
less than

18. Counting and Numeration 5

Using a 100-Square

Page 80

- 16, 29, 31, 45, 58, 70, 77, 82, 94

19. The 100-Square

Page 81

- 53, 54, 62, 72, 82
6, 7, 26
64, 75, 83, 84
72, 73, 74
13, 15, 24, 25, 34
12, 21, 23, 32
65, 66, 67, 76
65, 66, 67, 75

Page 82

- $11 + 9 = 20$, $23 + 7 = 30$
 $47 + 11 = 58$
- $12 + 2 = 14$, $78 + 5 = 83$
 $81 + 3 = 84$
- $34 + 9 = 43$, $43 + 6 = 49$
 $64 + 8 = 72$
- $71 + 6 = 77$, $70 + 7 = 77$
 $53 + 8 = 61$
- 24
- 49
- 90
- a) 50
b) 32
c) 61
d) 57

20. Subtraction 2

Page 84

- $9 - 6 = 3, 3$
- $6 - 5 = 1, 1$

Page 85

- $19 - 7 = 12$
- $16 - 8 = 8$
- $20 - 9 = 11$
- $15 - 8 = 7$
- $12 - 6 = 6$
- $20 - 10 = 10$
- $14 - 7 = 7, 19 - 6 = 13$
 $18 - 9 = 9, 17 - 6 = 11$
 $10 - 5 = 5, 16 - 4 = 12$
 $18 - 5 = 13$

Page 86

- $15 - 3 = 12, 16 - 2 = 14$
 $14 - 3 = 11, 19 - 6 = 13$
 $18 - 3 = 15, 17 - 2 = 15$
 $19 - 5 = 14$
- $13 - 9 = 4, 17 - 1 = 16$
 $18 - 7 = 11, 17 - 6 = 11$
 $15 - 8 = 7, 16 - 8 = 8$
- $29 - 8 = 21, 47 - 9 = 38$
 $19 - 2 = 17, 16 - 4 = 12$
 $17 - 6 = 11, 38 - 6 = 32$

21. Addition 5

Page 87

- $15 + 4 = 19$
- $23 + 11 = 34$
- $17 + 11 = 28$
- $12 + 13 = 25$
- $24 + 12 = 36$

Page 88

- $35 + 24 = 59$
- $23 + 51 = 74$
- $47 + 42 = 89$
- $62 + 13 = 75$
- $54 + 32 = 86$
- $56 + 12 = 68$

Page 89

- $16 + 3 = 19$
 $25 + 12 = 37$
 $4 + 21 = 25$
 $13 + 25 = 38$

- $21 + 24 = 45$
 $1 + 44 = 45$
 $24 + 15 = 39$
 $17 + 32 = 49$
 $15 + 33 = 48$
 $12 + 36 = 48$
 $20 + 30 = 50$
 $33 + 6 = 39$

Page 90

- $68 + 21 = 89$
 $52 + 13 = 65$
 $28 + 31 = 59$
 $76 + 22 = 98$
 $41 + 33 = 74$
 $22 + 65 = 87$
 $60 + 39 = 99$
 $43 + 26 = 69$

- $21 + 55 = 76$
 $51 + 44 = 95$
 $84 + 15 = 99$
 $17 + 42 = 59$
 $10 + 83 = 93$
 $12 + 76 = 88$
 $50 + 30 = 80$
 $91 + 6 = 97$

- $28 + 51 = 79$
 $57 + 22 = 79$
 $81 + 7 = 88$
 $11 + 48 = 59$
 $15 + 73 = 88$
 $11 + 88 = 99$
 $65 + 20 = 85$
 $19 + 80 = 99$

Page 91

- $50 + 16 = 66$
 $71 + 24 = 95$
 $24 + 11 = 35$
 $32 + 18 = 50$

- $41 + 44 = 85$
 $22 + 31 = 53$
 $65 + 12 = 77$
 $10 + 30 = 40$

- $52 + 27 = 79$
 $50 + 16 = 66$
 $71 + 14 = 85$
 $24 + 11 = 35$

- $31 + 18 = 49$
 $84 + 15 = 99$

- $72 + 16 = 88$
 $11 + 27 = 38$
 $62 + 27 = 89$
 $56 + 13 = 69$
 $72 + 24 = 96$
 $24 + 55 = 79$
 $81 + 15 = 96$
 $23 + 15 = 38$

22. Check-up 2

Page 92

- $10 - 2 = 8, 9 - 3 = 6$
 $4 - 2 = 2, 5 - 1 = 4$
- a) $8 - 3 = 5$
b) $7 - 5 = 2$
- 44, 45, 46, 54
32, 33, 41, 42, 43
4, 5, 15, 16
- 12 = 1 ten and 2 units
17 = 1 ten and 7 units
32 = 3 tens and 2 units
27 = 2 tens and 7 units
- $16 - 5 = 11, 19 - 9 = 10$
 $18 - 7 = 11, 19 - 12 = 7$
 $18 - 6 = 12, 17 - 8 = 9$
- $24 + 13 = 37$
 $52 + 17 = 69$
 $12 + 12 = 24$
 $71 + 24 = 95$
 $14 + 11 = 25, 35 + 23 = 58$

23. Money 1

Page 93

- 16c
- 13c
- 17c
- 15c
- 19c
- 19c
- 17c
- 13c
- 18c
- 17c

Page 94

- 31c
- 40c
- 38c
- 20c
- 41c
- 24c
- 47c
- 23c
- 39c
- 36c

Page 95

- $9c = 5c + 2c + 2c$
 $11c = 10c + 1c$
 $15c = 10c + 5c$
 $19c = 10c + 5c + 2c + 2c$
 $13c = 10c + 2c + 1c$
 $22c = 20c + 2c$
 $27c = 20c + 5c + 2c$
 $34c = 20c + 10c + 2c + 2c$
 $36c = 20c + 10c + 5c + 1c$
 $45c = 20c + 20c + 5c$
 $49c = 20c + 20c + 5c + 2c + 2c$

Page 96

At the Toy Shop

- $10c + 8c = 18c$
- $14c + 5c = 19c$
- $7c + 8c + 5c = 20c$
- $14c - 7c = 7c$
- 9c
- 9c
- Yes, No

Page 97

Change from 20 cents

- 2c 18c 2c 20c 4c
- 5c 10c 10c 20c 15c
- 5c 20c 5c
- 8c 2c 10c 10c 20c 12c

25. Fractions

Page 105

- $\frac{1}{2}$ of 8 = 4, $\frac{1}{2}$ of 12 = 6
 $\frac{1}{2}$ of 10 = 5
 $\frac{1}{2}$ of 4 = 2, $\frac{1}{2}$ of 16 = 8
 $\frac{1}{2}$ of 6 = 3
 $\frac{1}{2}$ of 14 = 7, $\frac{1}{2}$ of 2 = 1
 $\frac{1}{2}$ of 20 = 10

- $\frac{1}{2}$ of 10 = 5, $\frac{1}{2}$ of 4 = 2
 $\frac{1}{2}$ of 18 = 9
 $\frac{1}{2}$ of 6 = 3, $\frac{1}{2}$ of 14 = 7
 $\frac{1}{2}$ of 12 = 6
 $\frac{1}{2}$ of 8 = 4, $\frac{1}{2}$ of 16 = 8
 $\frac{1}{2}$ of 20 = 10

26. Place Value 2

Page 107

- a) 13
b) 17
- a) 19
b) 17
- a) 14
b) 42
- a) 19
b) 56
- a) 11
b) 38
- a) 12 = 1 ten 2 units
b) 18 = 1 ten 8 units
c) 16 = 1 ten 6 units
d) 19 = 1 ten 9 units
e) 11 = 1 ten 1 unit
f) 17 = 1 ten 7 units
- a) 54 = 5 tens 4 units
b) 36 = 3 tens 6 units
c) 28 = 2 tens 8 units
d) 7 = 0 tens 7 units
e) 72 = 7 tens 2 units
f) 80 = 8 tens 0 units

Page 110

Groups of Tens

- 30, 40, 50, 70, 20, 60

Page 111

- 18 = 1 ten and 8 units
25 = 2 tens and 5 units
11 = 1 ten and 1 unit
37 = 3 tens and 7 units
58 = 5 tens and 8 units
46 = 4 tens and 6 units
62 = 6 tens and 2 units
19 = 1 ten and 9 units
10 = 1 ten and 0 units
29 = 2 tens and 9 units
3 tens and 3 units = 33
4 tens and 1 unit = 41
1 ten and 2 units = 12

- 7 tens and 4 units = 74
2 tens and 9 units = 29
8 tens and 4 units = 84
5 tens and 7 units = 57
6 tens and 8 units = 68
2 tens and 0 units = 20
7 tens and 7 units = 77

4. $10 + 8, 9 + 9, 11 + 7$
 $12 + 6$

5. $11 + 8, 12 + 7, 10 + 9$
 $15 + 4$

Page 113

Crack the Code!

- $35 = 5 \rightarrow e$
 $47 = 4 \rightarrow a$
 $72 = 2 \rightarrow l$
 $61 = 6 \rightarrow h$
 $11 = 1 \rightarrow p$
 $80 = 8 \rightarrow t$
 $19 = 9 \rightarrow n$
e l e p h a n t

Page 114

Tens and Units

- 2 tens 4 units, 3 tens 2 units
2 tens 7 units, 3 tens 5 units
4 tens 1 unit, 4 tens 5 units
5 tens 5 units, 6 tens 4 units
7 tens 0 units, 8 tens 3 units
8 tens 8 units, 9 tens 2 units

27. Subtraction 3

Page 115

- $30 - 10 = 20, 50 - 10 = 40$
 $70 - 10 = 60, 40 - 20 = 20$
 $60 - 30 = 30, 80 - 20 = 60$
 $90 - 40 = 50, 70 - 50 = 20$
 $60 - 10 = 50$
 $20 - 10 = 10, 40 - 30 = 10$
 $80 - 50 = 30$
 $50 - 20 = 30, 60 - 40 = 20$
 $100 - 60 = 40$
- $90 - 20 = 70,$
 $100 - 70 = 30, 30 - 30 = 0$
 $60 - 20 = 40, 80 - 30 = 50$
 $50 - 30 = 20$
 $70 - 60 = 10, 60 - 50 = 10$
 $100 - 50 = 50$

- 90 - 60 = 30
 80 - 40 = 40
 60 - 60 = 0
 90 - 10 = 80
 80 - 30 = 50
 100 - 70 = 30

Page 116

3. a) 60 - 30 = 30
 b) 70 - 20 = 50
 c) 80 - 40 = 40
 d) 90 - 50 = 40
 e) 40 - 30 = 10
 f) 30 - 10 = 20

Page 117

- 7 - 3 = 4 = T
 19 - 4 = 15 = P
 70 - 20 = 50 = W
 19 - 8 = 11 = G
 7 - 4 = 3 = K
 90 - 30 = 60 = O
 16 - 10 = 6 = U
 9 - 2 = 7 = I
 18 - 13 = 5 = E
 13 - 11 = 2 = S
 80 - 40 = 40 = L
 16 - 6 - 10 = A
 17 - 4 = 13 = Y
 50 - 20 = 30 = N
 20 - 3 = 17 = H
 40 - 20 = 20 = R
 TWO PUPPIES PLAYING IN
 THE PARK

Page 118

1. 46 - 24 = 22, 76 - 45 = 31
 44 - 23 = 21
 69 - 14 = 55, 38 - 15 = 23
 43 - 22 = 21
 2. 38 - 14 = 24, 29 - 15 = 14
 88 - 36 = 52, 54 - 31 = 23
 68 - 47 = 21, 54 - 32 = 22
 65 - 42 = 23
 56 - 34 = 22, 39 - 25 = 14
 65 - 14 = 51, 53 - 31 = 22
 37 - 17 = 20, 54 - 53 = 1
 96 - 62 = 34
 55 - 24 = 31, 33 - 21 = 12
 76 - 56 = 20, 94 - 82 = 12
 85 - 35 = 50, 59 - 32 = 27
 47 - 37 = 10

28. 3-D Shapes

Page 120

2. a) Yes
 b) Yes
 c) Yes
 d) No

Page 121

More About 3-D Shapes

1. 6, 12, 8
 6, 12, 8
 3, 2, 0
 1, 0, 0
 2. a) cylinder, sphere
 b) cylinder, cube
 c) cuboid, sphere

29. Ordinal Numbers

Page 122

2. purple

Page 123

1. 8th
 2. 5th
 3. No
 4. True
 5. Susie
 6. Josh
 7. 3rd
 8. 2nd
 9. Leah

Page 124

1. a) L
 b) A
 c) Z
 d) Y
 e) L
 f) I
 g) Z
 h) A
 i) R
 j) D

30. Check-up 3

Page 125

1. 17c
 2. 55c
 3. 11c = 10c 1c
 4. 34c = 20c 10c 2c 2c
 6. $\frac{1}{2}$ of 4 = 2, $\frac{1}{2}$ of 20 = 10
 $\frac{1}{2}$ of 12 = 6, $\frac{1}{2}$ of 18 = 9
 7. 23 = 2 tens and 3 units
 56 = 5 tens and 6 units
 8. 37 - 11 = 26, 58 - 35 = 23
 29 - 12 = 17, 49 - 24 = 25
 19 - 3 = 16, 62 - 31 = 31
 58 - 12 = 46
 9. 6, 12, 8
 3, 2, 0

31. 100-Square Subtraction

Page 126

1. 15 - 9 = 6, 36 - 5 = 31
 47 - 10 = 37, 58 - 3 = 55
 12 - 7 = 5, 78 - 5 = 73
 18 - 3 = 15, 70 - 7 = 63
 28 - 6 = 22, 34 - 9 = 25
 64 - 8 = 56, 53 - 8 = 45
 2. a) 26
 b) 39
 c) 76
 d) 44

Page 127

2. 44 55 65, 22 32 33 42,
 66 67 86 87, 74 75 76 85
 88 89 98 100

Page 128

More Subtraction with the 100-Square

1. 16 - 8 = 8, 25 - 5 = 20
 19 - 4 = 15
 2. 28 - 9 = 19, 11 - 6 = 5
 17 - 10 = 7
 3. 30 - 10 = 20, 34 - 9 = 25
 29 - 8 = 21
 4. 45 - 8 = 37, 52 - 7 = 45
 68 - 10 = 58

- $22 - 3 = 19$, $54 - 5 = 49$
 $86 - 7 = 79$
- $61 - 9 = 52$, $73 - 7 = 66$
 $85 - 4 = 81$
- $60 - 10 = 50$, $44 - 8 = 36$
 $51 - 5 = 46$
- $33 - 7 = 26$, $57 - 10 = 47$
 $28 - 4 = 24$

33. Addition 6

Page 134

- $18 + 7 = 25$
- $19 + 5 = 24$
- $14 + 9 = 23$
- $16 + 8 = 24$
- $12 + 9 = 21$
- $15 + 8 = 23$
- $19 + 3 = 22$
- $14 + 8 = 22$

Page 135

- $18 + 6 = 24$
 $12 + 19 = 31$
 $18 + 17 = 35$
 $16 + 26 = 42$
 $25 + 18 = 43$
 $29 + 15 = 44$
- $28 + 16 = 44$
 $37 + 28 = 65$
 $24 + 8 = 32$
 $47 + 39 = 86$
 $15 + 38 = 53$
 $58 + 18 = 76$
- $17 + 16 = 33$
 $18 + 18 = 36$
 $16 + 29 = 45$
 $23 + 28 = 51$
 $25 + 25 = 50$
 $27 + 17 = 44$
- $17 + 29 = 46$
 $33 + 19 = 52$
 $29 + 49 = 78$
 $38 + 43 = 81$
 $39 + 14 = 53$
 $37 + 29 = 66$

Page 136

- $16 + 8 = 24$, $27 + 9 = 36$
 $18 + 8 = 26$, $29 + 4 = 33$
 $15 + 9 = 24$, $35 + 6 = 41$
 $25 + 8 = 33$
- $16 + 19 = 35$

- $27 + 17 = 44$
-
- $18 + 36 = 54$
-
- $29 + 15 = 44$
-
- $15 + 15 = 30$
-
- $35 + 18 = 53$
-
- $25 + 29 = 54$

- $17 + 15 = 32$
 $24 + 29 = 53$
 $23 + 38 = 61$
 $37 + 24 = 61$
 $12 + 49 = 61$
 $33 + 17 = 50$
 $24 + 48 = 72$
- $24 + 16 = 40$, $19 + 7 = 26$
 $38 + 4 = 42$, $29 + 17 = 46$
 $47 + 6 = 53$, $26 + 26 = 52$
 $17 + 17 = 34$

Page 137

- a) $12 + 14 = 26$, 20
b) $11 + 23 = 34$, 30
c) $21 + 14 = 35$, 30
d) $22 + 15 = 37$, 30
e) $13 + 34 = 47$, 40
f) $21 + 25 = 46$, 40
g) $13 + 20 = 33$, 30
h) $22 + 23 = 45$, 40
i) $31 + 23 = 54$, 50
j) $30 + 14 = 44$, 40
k) $20 + 44 = 64$, 60
l) $52 + 10 = 62$, 60
m) $41 + 41 = 82$, 80
n) $35 + 41 = 76$, 70
o) $79 + 20 = 99$, 90

Page 138

- $23 + 18 = 41$
 $26 + 19 = 45$
 $15 + 38 = 53$
 $27 + 24 = 51$
 $15 + 56 = 71$
 $24 + 37 = 61$
- $17 + 15 = 32$
 $23 + 29 = 52$
 $23 + 37 = 60$
 $37 + 24 = 61$
 $12 + 49 = 61$

35. Subtraction 4

Page 140

- $14 - 7 = 7$
- $19 - 15 = 4$
- $14 - 5 = 9$
- $17 - 13 = 4$
- $18 - 7 = 11$

Page 141

- $27 - 14 = 13$
- $59 - 16 = 43$
- $46 - 13 = 33$
- $77 - 23 = 54$

36. Money 2

Page 142

- 23c, 25c, 38c, 30c, 47c, 43c
- 20c 2c 1c, 20c 20c 5c 1c, 20c 10c

Change from 50c

Page 143

- 1c, 5c, 6c
- 35c, 5c, 40c, 10c, 50c, 15c
- 25c, 5c, 30c, 20c, 50c, 25c
- 38c, 2c, 40c, 10c, 50c, 12c

Page 144

- 35c
- 40c
- 40c
- mint
- 2
- 25c

37. Capacity

Page 146

- glass
- yoghurt pot
- 4
- 8
- 10
- 3
- 13
- more than
- false

Page 147

1. More than a litre: fish bowl, bowl, bucket
Less than a litre: juice carton, cup

38. Addition 7

Page 149

1. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20
2. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Page 150

2. 10, 15, 20, 25, 30, 35, 40, 45, 50
3. a) 15
b) 25
c) 40

Page 151

Counting in Tens

1. 20, 40, 50, 60, 70, 90, 100
2. 40, 30, 70
3. 60c, 90c

39. Weight

Page 153

1. a) 7
b) 4
c) pencil
d) homework notebook
e) Yes
f) 14

Page 155

1. coal, 5kg
2. potatoes, 1kg
3. a) potatoes
b) oranges
c) flour
d) coal
4. coal
5. potatoes
6. 5kg

40. Check-up 4

Page 156

1. $26 - 10 = 16$
 $35 - 15 = 20$
 $49 - 13 = 36$
2. $15 + 16 = 31$
 $24 + 8 = 32$,
 $19 + 23 = 42$
5. $23c + 23c = 46c$
6. 16c
7. a) X
b) X
8. 4, 8, 10, 12, 16, 18
10, 15, 20, 30, 35, 45, 50

Practice Book Answers

Addition to 10

Practise!

Page 3

- $4 + 3 = 7, 3 + 4 = 7$
- $5 + 4 = 9, 4 + 5 = 9$
- $2 + 6 = 8, 6 + 2 = 8$
- $3 + 7 = 10, 7 + 3 = 10$
- $1 + 5 = 6, 5 + 1 = 6$
- $5 + 2 = 7, 2 + 5 = 7$
- $9 + 1 = 10, 1 + 9 = 10$
- $4 + 6 = 10, 6 + 4 = 10$
- $6 + 3 = 9, 3 + 6 = 9$
- $7 + 2 = 9, 2 + 7 = 9$

Mental Maths 1

Page 4

- 5, 8, 10
- 7
- 1 and 4 = 5
- $3 + 6 = 9$
- $6 + 2 + 1 = 9$
- 3 more than 5 is 8
- 4c

Counting and Numeration to 20

Mental Maths 2

Page 6

- 7
- 2 more than 4 is 6
- $7 + 3 + 0 = 10$
- true
- 6c
- It is 8 o'clock
- $0 + 5 + 0 = 5$

Addition to 20

Practise!

Page 7

- $6 + 9 = 15$
 $3 + 12 = 15$
 $3 + 14 = 17$
 $8 + 8 = 16$
 $10 + 10 = 20$
 $7 + 7 = 14$

- $2 + 9 = 11$
 $9 + 10 = 19$
 $8 + 12 = 20$
 $16 + 2 = 18$
 $11 + 5 = 16$
 $6 + 7 = 13$
 $6 + 6 = 12$
 $3 + 17 = 20$
 $3 + 13 = 16$
 $8 + 9 = 17$
 $5 + 5 = 10$
 $5 + 7 = 12$
 $7 + 8 = 15$
 $9 + 9 = 18$

- $6 + 6 + 2 = 14$
 $8 + 3 + 8 = 19$
 $7 + 6 + 7 = 20$
 $2 + 9 + 9 = 20$
 $1 + 8 + 8 = 17$
 $7 + 5 + 3 = 15$
 $3 + 6 + 3 = 12$
 $6 + 4 + 7 = 17$
 $6 + 7 + 3 = 16$
 $7 + 12 + 1 = 20$
 $8 + 5 + 5 = 18$
 $2 + 9 + 1 = 12$
 $2 + 8 + 4 = 14$
 $5 + 7 + 7 = 19$
 $3 + 4 + 4 = 11$

- $7 + 7 = 14$
 $8 + 4 = 12$
 $4 + 11 = 15$
 $10 + 9 = 19$
 $1 + 9 = 10$
 $13 + 3 = 16$
 $11 + 7 = 18$
 $5 + 8 = 13$
 $5 + 6 = 11$

Test Yourself!

Page 8

- $15 + 5 = 20, 11 + 7 = 18$
 $16 + 3 = 19, 8 + 7 = 15$
- $18 + 1 = 19, 13 + 4 = 17$
 $17 + 0 = 17, 14 + 6 = 20$
- $13 + 3 = 16, 1 + 14 = 15$
 $7 + 12 = 19, 4 + 15 = 19$

- $6 + 11 = 17, 13 + 2 = 15$
 $15 + 1 = 16, 16 + 4 = 20$
- $8 + 8 = 16, 4 + 4 = 8$
 $9 + 9 = 18, 10 + 10 = 20$
- $9 + 10 = 19, 7 + 8 = 15$
 $9 + 11 = 20, 12 + 5 = 17$
- $5 + 3 + 5 = 13$
 $3 + 7 + 9 = 19$
 $6 + 6 + 3 = 15$
- $6 + 8 = 14, 9 + 7 = 16$
 $10 + 9 = 19$
- $7 + 10 = 17, 7 + 6 = 13$
 $15 + 5 = 20$
- $7 + 6 + 3 = 16$

2-D Shapes

Practise!

Page 9

- semi-circle
square
triangle
circle
rectangle
- 3, 2, 3, 4, 5

Test Yourself!

Page 10

- 3, 3
- 4, 4
- 6

Mental Maths 3

Page 11

- 7
- 8
- 12c
- true
- 8
- false
- 2
- 12

Counting and Numeration to 50

Practise!

Page 12

- 3, 4, 8
14, 16, 17, 20
22, 23, 26, 29
31, 35, 38
42, 44, 46, 47, 49
- 36, 19, 30, 43
- 8, 30, 46, 32
- 14, 26, 43

Mental Maths 4

Page 13

- 3
- $10 + 3 = 13$
- 2 more than 10 = 12
- 13c
- $5 + 4 = 9$, $4 + 5 = 9$
- 8
- $6 + 6$
- true

Data

Practise!

Page 14

- 2
- 3
- 12
- 23
- Thursday
- Monday
- 4
- 1
- 13

Test Yourself!

Page 15

- egg cups = 3, cup = 4
fork = 7, saucepan = 2
knife = 4, glass = 4
- true
- false
- true
- false
- true
- true
- false

- false
- false

Time 1

Practise!

- Tuesday
- Thursday
- Sunday
- Wednesday
- Monday
- Friday/Saturday
- Wednesday
- Saturday
- Monday, Tuesday, Wednesday, Thursday and Friday

Mental Maths 5

Page 17

- 15
- 14
- $8 + 8$
- false
- $9 + 1 + 4 = 14$
- 7
- 5
- Friday

Comparing and Ordering

Practise!

Page 18

- true
- There are more trucks than dolls
- There are less oranges than apples
- Leah has 1 more than Ross
- Jack has 9 more than Lara

Test Yourself!

Page 19

- more
- less
- less
- more
- more
- less
- the same
- less
- more
- more

Mental Maths 6

Page 20

- triangle
- $10 + 10 = 20$
- false
- 11
- $6 + 6 = 12$
- $6 + 7 = 13$
- $7 + 7 = 14$
- $7 + 8 = 15$
- $8 + 8 = 16$

Counting and Numeration to 100

Practise!

Page 21

- 6, 7, 8
27, 28, 29
43, 44, 45
6, 5, 4
16, 15, 14
34, 33, 32
- ten, thirty, fifty, seventy
- ninety, twenty, forty, sixty
- 20, 30, 40, 50, 60, 70

Test Yourself!

Page 22

- 12
- 22
- 15, 28
- 20, 43, 57
- 12, 29, 98
- 17, 24, 77
- 30, 31, 32
- 61, 60, 59
- seven, sixteen
- forty-one, ninety-three

The 100-Square

Practise!

Page 23

- $73 + 4 = 77$, $62 + 3 = 65$
 $81 + 5 = 86$, $22 + 4 = 26$
- $91 + 2 = 93$, $8 + 4 = 12$
 $37 + 4 = 41$, $26 + 5 = 31$
- $48 + 2 = 50$, $41 + 5 = 46$
 $85 + 3 = 88$, $14 + 5 = 19$

4. $61 + 3 = 64$, $27 + 5 = 32$
 $27 + 3 = 30$, $77 + 4 = 81$
5. $51 + 5 = 56$, $74 + 3 = 77$
 $67 + 3 = 70$, $82 + 5 = 87$
6. $48 + 2 = 50$, $48 + 5 = 53$
 $18 + 5 = 23$, $89 + 5 = 94$
7. $39 + 2 = 41$, $50 + 7 = 57$
 $44 + 4 = 48$, $56 + 7 = 63$
8. $91 + 8 = 99$, $28 + 6 = 34$
 $53 + 10 = 63$, $49 + 8 = 57$

Mental Maths 7

Page 24

1. Sunday
2. 17
3. 6, 12
4. $8 + 9 + 2 = 19$
5. Thursday
7. 19
9. 1, 5, 3, 7
10. cubes

Subtraction to 20

Practise!

Page 25

1. $8 - 5 = 3$, $5 - 3 = 2$
 $9 - 2 = 7$, $7 - 3 = 4$
2. $9 - 4 = 5$, $10 - 3 = 7$
 $6 - 1 = 5$, $8 - 4 = 4$
3. $9 - 2 = 7$, $8 - 3 = 5$
 $7 - 5 = 2$, $10 - 6 = 4$
4. $6 - 4 = 2$, $5 - 5 = 0$
 $7 - 3 = 4$, $10 - 2 = 8$
 $8 - 6 = 2$
5. 5
6. 4
7. $16 - 5 = 11$, $19 - 7 = 12$
 $14 - 5 = 9$, $18 - 6 = 12$
8. $15 - 5 = 10$, $18 - 4 = 14$
 $19 - 6 = 13$, $14 - 3 = 11$
9. $17 - 4 = 13$, $19 - 9 = 10$
 $17 - 5 = 12$, $18 - 5 = 13$
 $17 - 6 = 11$
10. $19 - 2 = 17$, $17 - 6 = 11$
 $16 - 6 = 10$, $18 - 7 = 11$
 $13 - 2 = 11$

Mental Maths 8

Page 26

1. 7
2. 18

3. 2
4. Sunday
5. $8 + 3 + 8 = 19$
6. $8 - 2 = 6$
8. Wednesday is before Thursday
9. true
10. $6 + 4 = 10$

Money 1

Practise!

Page 27

- 16c, 2c, 2c
5c, 5c, 10c
15c, 5c
7c, 1c, 2c, 10c
10c, 10c
19c, 1c
8c, 2c, 10c

Mental Maths 9

Page 28

1. 18
2. 27
3. half past 2
5. 12
6. 25
7. 6
8. Tuesday
9. $12 + 5 = 5 + 12$
10. $17 - 10 = 7$

Length

Test Yourself!

Page 30

4. less than
5. more than
6. false
7. false
8. couch, ruler
9. 10 metres
10. Jack

Mental Maths 10

Page 31

2. $10 + 10 + 10 + 10 = 40$
3. 40
4. $8 + 6 = 14$
5. $4 + 5 + 5 = 14$
10. $30 > 10 + 10$

Fractions

Test Yourself!

Page 32

2. 5
3. 7
4. 4
5. 10
7. $\frac{1}{2}$ of 6 = 3, $\frac{1}{2}$ of 2 = 1
8. $\frac{1}{2}$ of 4 = 2, $\frac{1}{2}$ of 12 = 6
9. $\frac{1}{2}$ of 16 = 8, $\frac{1}{2}$ of 20 = 10
10. 9

Mental Maths 11

Page 33

1. 3, 5, 1
3. 15, 18
4. $13 + 7 = 20$
5. $16 - 9 = 7$
9. $5c + 5c + 5c + 2c = 17c$
10. $6 + 4 + 5 = 15$

Place Value

Practise!

Page 34

1. 16, 14
2. 16, 11
3. 45, 30
4. 1, 9
3, 2
2, 8
5. 93
65
30
6. 7, 5, 2, 5, 4
7. 1, 0, 6, 7, 3

Test Yourself!

Page 35

1. 1, 3
2. 1, 5
3. 1, 1
1, 9
4. 6, 6
5, 2
5. 24, 54
6. 30, 50, 70
8. 1, 1, 8, 6, 3
9. 4, 6, 8, 1, 3
10. 56

Mental Maths 12

Page 36

- 12, 13
- 38
- 14
- 23
- 50
- winter
- 58
- 39, 40
- false

3-D Shapes

Practise!

Page 37

- cylinder
cube
sphere
cuboid

Test Yourself!

Page 38

- cuboid
- cylinder
- sphere
- cube
- sphere/cylinder

Ordinal Numbers

Test Yourself!

Page 39

- lion
- giraffe
- 4th
- 10th
- o

Mental Maths 13

Page 40

- 67
- 88
- 3 tens, 5 units
- 9

Subtraction to 100

Practise!

Page 41

- $70 - 10 = 60$
 $90 - 10 = 80$
 $17 - 5 = 12$
 $35 - 10 = 25$
 $60 - 20 = 40$
 $80 - 20 = 60$
 $25 - 20 = 5$
 $47 - 20 = 27$
 $50 - 30 = 20$
 $40 - 30 = 10$
 $63 - 30 = 33$
 $92 - 30 = 62$
- $25 - 11 = 14$
 $46 - 16 = 30$
 $98 - 46 = 52$
- $64 - 51 = 13$
 $29 - 16 = 13$
 $56 - 15 = 41$
 $78 - 65 = 13$
 $54 - 31 = 23$
 $87 - 14 = 73$
- 22

Test Yourself!

Page 42

- $10 - 3 = 7$, $9 - 6 = 3$
 $8 - 1 = 7$
- $7 - 4 = 3$, $10 - 8 = 2$
 $6 - 3 = 3$
- 2
- 2
- 11, 12, 12, 13, 6, 13
- $90 - 10 = 80$
 $100 - 30 = 70$
 $70 - 40 = 30$
 $80 - 20 = 60$
- 42, 34, 62
- 23, 37, 72
- $16 - 10 = 6$
- $28 - 15 = 13$

Time 2

Practise!

Page 43

- 10 o'clock, 1 o'clock, 5 o'clock
- $\frac{1}{2}$ past 10, $\frac{1}{2}$ past 1, $\frac{1}{2}$ past 5

Test Yourself!

Page 44

- 7
- 12
- 2 o'clock, 9 o'clock, $\frac{1}{2}$ past 4, $\frac{1}{2}$ past 10
- 1 o'clock, $\frac{1}{2}$ past 7
- 1 o'clock, $\frac{1}{2}$ past 6
- 1 hour
- $\frac{1}{2}$ an hour

Mental Maths 14

Page 45

- 36
- 5 o'clock
- $9 + 9 = 20 - 2$
- 19c
- summer
- 3
- 19
- 70, 50
- 2 tens + 14 units = 34

Addition (Renaming)

Practise!

Page 46

- $16 + 16 = 32$
 $37 + 12 = 49$
 $48 + 6 = 54$
 $69 + 8 = 77$
 $41 + 7 = 48$
 $19 + 5 = 24$
 $25 + 25 = 50$
a mushroom
- $37 + 45 = 82$
 $18 + 16 = 34$
 $31 + 15 = 46$
 $79 + 18 = 97$
snow
- $10 + 43 = 53$
 $18 + 17 = 35, 8$

- $6 + 6 = 92$
 $7 + 7 = 14$
 $16 + 14 = 30$
 $44 + 33 = 77$
 $51 + 47 = 98$
 $16 + 13 = 29$
 in a riverbank

Mental Maths 15

Page 47

- 66, 67
- Sunday
- 1 ten and 7 units
- 4
- b) autumn
- $20 - 10 = 10$
- 8
- $18 - 7 = 11$
- $19 - 7 = 12$
- 15, 16, 25, 35

Money 2

Practise!

Page 48

- 16c, 2c 2c 20c 10c
 5c, 5c 20c 20c
 15c, 5c 10c 20c
 15c, 5c 10c 20c
 20c, 20c 10c
 29c, 1c 20c
 30c, 20c

Test Yourself!

Page 49

- 17c, 32c, 37c
- a) 5c 2c 1c b) 20c 2c 2c
c) 20c 20c 5c 2c 2c
- 10c 5c 2c, 20c 20c 2c 1c
- 2c 1c
- 2c 5c
- 2c 1c 5c
- 2c 10c
- 41c
- 45c
- 42c

Mental Maths 16

Page 50

- 32, 43
- 44, 45

- 55, 56
- 21, 20
- less than 1kg
- $8 + 7 = 15$
- $(7 + 7) + 5 = 19$
- 16
- 18
- 60c

Capacity

Practise!

Page 51

- 9
- 6
- true
- true
- false
- false
- 3
- More than a litre: carton of milk, bucket, bowl
Less than a litre: apple juice, egg cup

Test Yourself!

Page 52

- 12
- 1 litre
- 14 litres
- 5 litres
- 6 litres

Addition

Test Yourself!

Page 53

- $30 + 10 = 40$
 $60 + 10 = 70$
- $30 + 20 = 50$
 $40 + 20 = 60$
- $40 + 30 = 70$
 $50 + 30 = 80$
- $17 + 1 = 18$
 $25 + 3 = 28$
 $74 + 2 = 76$
- $28 + 1 = 29$
 $32 + 2 = 34$
 $84 + 3 = 87$
- $35 + 1 = 36$
 $44 + 3 = 47$
 $96 + 2 = 98$

- $70 + 28 = 98$
 $49 + 46 = 95$
 $34 + 35 = 69$
 $27 + 40 = 67$
 $15 + 68 = 83$
 $13 + 64 = 77$
 $19 + 28 = 47$
- $39 (23 + 16 = 39)$
- $34 + 28 = 62$
 $43 + 47 = 90$
 $16 + 39 = 55$
 $27 + 47 = 74$
 $15 + 68 = 83$
 $7 + 64 = 71$
 $18 + 28 = 46$
- 14 35 40

Mental Maths 17

Page 54

- 4
- $25 + 24 = 49$
- $13 + 12 = 25$
- October
- $8 + 9 + 3 = 20$
- Jen
- Friday
- No
- Yes

Word Problems

Practise!

Page 55

- $32 + 18 = 50$
- $27 + 14 = 41$
- $24 + 16 = 40$
- $17 + 27 = 44$
- $28 + 18 = 46$
- $30 + 19 = 49$

Mental Maths 18

Page 56

- 2c
- $\frac{1}{2}$ of 12 = 6
- $12 + 4 = 7 + 9$
- $11 - 4 = 7 + 0$
- a glass
- 9 is more than 2 by 7
- 8
- $\frac{7}{8}$

Weight

Test Yourself!

Page 58

1. heavier than
2. lighter than
7. more than 1 kg
9. 10
10. Tara

Mental Maths 19

Page 59

1. a metre stick
3. 3
4. 3
7. 30
9. a cube

Problem Solving

Practise!

Page 60

1. $27 + 12 = 39$
2. $18 + 25 = 43$
3. $17 - 5 = 12$
4. $28 + 14 = 42$
5. $27 + 19 = 46$
6. $46 - 12 = 34$

Test Yourself!

Page 61

1. 15
2. 12
3. 2
4. 8

5. 2
6. 20
7. 14
8. 31
9. 63
10. 24

Mental Maths 20

Page 62

1. 3 7
2. 30
4. 14
5. less than a metre
6. 12
7. 11c
8. 4 o'clock
10. 17c