

Think & Learn
ANSWERS



MATHS

MATHEMATICS

The following pages are missing as they contain shapes and shadings or drawings: 49, 50, 51 and 62



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Christopher J. Micallef

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1. 5, 6, 7, 8, 9
2. 14, 15, 16, 17, 18
3. 22, 23, 24, 25, 26
4. 40, 41, 42, 43, 44
5. 55, 56, 57, 58, 59
6. 33, 34, 35, 36, 37
7. 60, 61, 62, 63, 64
8. 16, 17, 18, 19, 20
9. 72, 73, 74, 75, 76
10. 65, 66, 67, 68, 69

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

1. 14, 15, 16, 17, 18, 19, 20, 21, 22, 23
2. 26, 27, 28, 29, 30, 31, 32, 33, 34, 35
3. 49, 50, 51, 52, 53, 54, 55, 56, 57, 58
4. 84, 85, 86, 87, 88, 89, 90, 91, 92, 93
5. 75, 76, 77, 78, 79, 80, 81, 82, 83, 84
6. 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
7. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
8. 62, 63, 64, 65, 66, 67, 68, 69, 70, 71
9. 19, 20, 21, 22, 23, 24, 25, 26, 27, 28
10. 52, 53, 54, 55, 56, 57, 58, 59, 60, 61

Exercise 1

1. 12 / 13
2. 39 / 40 / 41
3. 80 / 81 / 82
4. 24 / 25 / 26
5. 52 / 53 / 54
6. 91

Exercise 2

1. 19 – 20 / 21 / 22 / 23 / 24 / 25 / 26 – 27
2. 31 – 32 / 33 / 34 / 35 / 36 / 37 / 38 / 39 / 40 / 41 / 42 / 43 – 44
3. 42 – 43 / 44 / 45 / 46 / 47 / 48 / 49 / 50 / 51 / 52 / 53 / 54 / 55 – 56
4. 84 – 85 / 86 / 87 / 88 / 89 / 90 / 91 / 92 / 93 / 94 / 95 / 96 / 97 – 98
5. 16 – 17 / 18 / 19 / 20 / 21 / 22 / 23 / 24 / 25 / 26 / 27 / 28 / 29 – 30

1. (a number smaller than 85) 85 (a number greater than 85)
2. (a number smaller than 13) 13 (a number greater than 13)
3. (a number smaller than 27) 27 (a number greater than 27)
4. (a number smaller than 40) 40 (a number greater than 40)
5. (a number smaller than 94) 94 (a number greater than 94)
6. (a number smaller than 68) 68 (a number greater than 68)
7. (a number smaller than 32) 32 (a number greater than 32)
8. (a number smaller than 51) 51 (a number greater than 51)

Exercise 1

1. 3, 13, 23, 33, 43, 53
2. 38, 48, 58, 68, 78, 88
3. 21, 31, 41, 51, 61, 71
4. 43, 53, 63, 73, 83, 93
5. 24, 34, 44, 54, 64, 74
6. 19, 29, 39, 49, 59, 69
7. 30, 40, 50, 60, 70, 80
8. 15, 25, 35, 45, 55, 65

Exercise 2

1. 97, 87, 77, 67, 57, 47
2. 75, 65, 55, 45, 35, 25
3. 86, 76, 66, 56, 46, 36
4. 61, 51, 41, 31, 21, 1

Numbers	Tens	Units
24	2	4
8	0	8
36	3	6
47	4	7
51	5	1
6	0	6
10	1	0
72	7	2

1. 32
2. 54
3. 1
4. 60
5. 41
6. 27
7. 99
8. 73

- | | |
|-------|--------|
| 1. 16 | 6. 0 |
| 2. 13 | 7. 61 |
| 3. 74 | 8. 36 |
| 4. 70 | 9. 11 |
| 5. 29 | 10. 89 |

Page 11

1. 10
2. 70
3. 50
4. 90
5. 40
6. 30
7. 50
8. 80
9. 40
10. 10
11. 30
12. 50

Page 12

Exercise 1

1. 11
2. 36
3. 27
4. 30
5. 49

Exercise 2

1. 1, 8, 9, 13, 18
2. 21, 24, 33, 37, 40
3. 34, 45, 46, 54, 60
4. 16, 57, 61, 71, 91

Page 13

Exercise 1

1. 15
2. 30
3. 54
4. 61
5. 43

Exercise 2

1. 81, 73, 62, 53, 47
2. 49, 36, 33, 24, 18
3. 83, 79, 31, 26, 12
4. 35, 28, 21, 16, 14

Page 14

Possible answers

Flowers

10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58

Stars

11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59

- | | |
|------|-------|
| 1. 4 | 9. 3 |
| 2. 2 | 10. 2 |
| 3. 5 | 11. 5 |
| 4. 0 | 12. 5 |
| 5. 3 | 13. 1 |
| 6. 1 | 14. 2 |
| 7. 3 | 15. 4 |
| 8. 5 | 16. 1 |
17. $0+5/1+4/2+3$
 18. $0+4/2+2/3+1$
 19. $0+7/1+6/2+5/3+4$
 20. $0+6/1+5/2+4/3+3$

- | | |
|------|-------|
| 1. 2 | 9. 1 |
| 2. 0 | 10. 7 |
| 3. 5 | 11. 3 |
| 4. 4 | 12. 8 |
| 5. 4 | 13. 7 |
| 6. 1 | 14. 5 |
| 7. 0 | 15. 6 |
| 8. 6 | 16. 3 |
17. $0+8/1+7/2+6/3+5/4+4$
 18. $0+9/1+8/2+7/3+6/4+5$
 19. $0+8/1+7/2+6/3+5/4+4$
 20. $0+9/1+8/2+7/3+6/4+5$

Exercise 1

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

Exercise 2

- 7
- 8
- 6
- 5
- 1
- 0
- A combination of three numbers which make up ten
- A combination of four numbers which make up ten

Page 18

- | | |
|-------|--------|
| 1. 11 | 8. 11 |
| 2. 12 | 9. 12 |
| 3. 13 | 10. 11 |
| 4. 12 | 11. 4 |
| 5. 11 | 12. 10 |
| 6. 13 | 13. 1 |
| 7. 13 | |
14. $0 + 13/1 + 12/2 + 11/3 + 10/4 + 9/5 + 8/6 + 7$
15. $0 + 12/1 + 11/2 + 10/3 + 9/4 + 8/5 + 7/6 + 6$
16. $0 + 11/1 + 10/2 + 9/3 + 8/4 + 7/5 + 6$

Page 19

- | | |
|-------|--------|
| 1. 16 | 9. 53 |
| 2. 35 | 10. 49 |
| 3. 25 | 11. 67 |
| 4. 28 | 12. 36 |
| 5. 37 | 13. 94 |
| 6. 50 | 14. 81 |
| 7. 34 | 15. 86 |
| 8. 17 | 16. 62 |

Page 20

Exercise 1

- 6
- 12
- 10
- 0
- 1
- 11
- 15
- 18

Exercise 2

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

Page 21

- $15 + 3 = 18$
- $15 + 0 + 3 = 18$
 $15 + 1 + 2 = 18$
 $16 + 6 = 22$
 $16 + 0 + 6 = 22$
 - $16 + 1 + 5 = 22$
 $16 + 2 + 4 = 22$
 $16 + 3 + 3 = 22$
 $17 + 4 = 21$
 - $17 + 0 + 4 = 21$
 $17 + 1 + 3 = 21$
 $17 + 2 + 2 = 21$
 $19 + 2 = 21$
 - $19 + 0 + 2 = 21$
 $19 + 1 + 1 = 21$
 $18 + 5 = 23$
 - $18 + 0 + 5 = 23$
 $18 + 1 + 4 = 23$
 $18 + 2 + 3 = 23$

Page 22

- | | |
|-------|--------|
| 1. 15 | 9. 18 |
| 2. 16 | 10. 21 |
| 3. 22 | 11. 21 |
| 4. 20 | 12. 19 |
| 5. 19 | 13. 18 |
| 6. 28 | 14. 21 |
| 7. 22 | 15. 22 |
| 8. 21 | 16. 17 |

Page 23

- 60
- 50
- 30
- 0
- 80
- 90
- 100
- 70
- 20
- 40
- 10
- 50
- 7
- 4
- 12

16. $0 + 100 = 100$
 $10 + 90 = 100$
 $20 + 80 = 100$
 $30 + 70 = 100$
 $40 + 60 = 100$
 $50 + 50 = 100$
(or any other two numbers which make up 100)

Page 24

- 3 cars left
- 4 dolls left
- 5 flowers left
- 6 bottles left

Page 25

- | | |
|-------|--------|
| 1. 1 | 9. 6 |
| 2. 4 | 10. 13 |
| 3. 3 | 11. 7 |
| 4. 8 | 12. 8 |
| 5. 6 | 13. 4 |
| 6. 3 | 14. 15 |
| 7. 12 | 15. 9 |
| 8. 8 | 16. 15 |

Page 26

- | | |
|-------|--------|
| 1. 36 | 8. 81 |
| 2. 70 | 9. 44 |
| 3. 17 | 10. 4 |
| 4. 56 | 11. 29 |
| 5. 74 | 12. 32 |
| 6. 68 | 13. 51 |
| 7. 33 | 14. 47 |

Page 27

- 43
- 65
- 32
- 9
- 24
- 73
- 56
- 64
- 38
- 20
- 85
- 46
- 14
- 52
- 77
- 61

Page 28

- $19 - 8 = 11$
- $17 - 9 = 8$
- $15c - 11c = 4c$
- $16 - 7 = 9$

Page 29

- $19 - 12 = 7$
- $60 - 55 = 5$
- $37 - 32 = 5$
- $73 - 69 = 4$
- $26 - 18 = 8$
- $12 - 7 = 5$
- $33 - 27 = 6$

Page 30

- $27 + 7 = 34 - 8 = 26$ books
- $19 + 6 = 25 - 3 = 22$ books
- $30 + 3 = 33 - 9 = 24$ books
- $23 + 4 = 27 - 5 = 22$ books
- $45 + 1 = 46 - 8 = 38$ books

Page 31

- $8 + 6 = 14$
- $6 + 8 = 14$
 $14 - 8 = 6$
 $14 - 6 = 8$
 $10 + 1 = 11$
 $1 + 10 = 11$
 - $11 - 10 = 1$
 $11 - 1 = 10$
 $12 + 6 = 18$
 $6 + 12 = 18$
 - $18 - 12 = 6$
 $18 - 6 = 12$
 $15 + 2 = 17$
 $2 + 15 = 17$
 - $17 - 15 = 2$
 $17 - 2 = 15$

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Exercise 1

1. $3 + 3 = 6$
2. $1 + 1 = 2$
3. $4 + 4 = 8$

Exercise 2

1. 36
2. 70
3. 84
4. 100
5. 40
6. 52
7. 66
8. 32

Page 33

- | | |
|-------|--------|
| 1. 3 | 9. 20 |
| 2. 9 | 10. 12 |
| 3. 5 | 11. 6 |
| 4. 21 | 12. 30 |
| 5. 24 | 13. 32 |
| 6. 13 | 14. 22 |
| 7. 11 | 15. 10 |
| 8. 8 | 16. 4 |

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5	4	8	9
14	12	21	20
11	13	22	30

10	8	16	18
28	24	42	40
22	26	44	60

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Exercise 1

1. 8
2. 10
3. 14
4. 6
5. 20

Exercise 2

1. 2, 4, 6, 8, 10, 12, 14, 16
2. 22, 24, 26, 28, 30, 32, 34, 36
3. 64, 66, 68, 70, 72, 74, 76, 78
4. 98, 96, 94, 92, 90, 88, 86, 84
5. 76, 74, 72, 70, 68, 66, 64, 62
6. 53, 51, 49, 47, 45, 43, 41, 39

Page 36

Exercise 1

- $5 \times 3 = 15$
- $4 \times 3 = 12$
- $3 \times 3 = 9$
- $2 \times 3 = 6$

Exercise 2

- 21
- 30
- 3
- 18
- 27
- 6
- 15
- 24
- 9
- 12

Page 37

Exercise 1

- | | |
|-------|--------|
| 1. 4 | 6. 3 |
| 2. 2 | 7. 10 |
| 3. 24 | 8. 32 |
| 4. 7 | 9. 4 |
| 5. 36 | 10. 20 |

Exercise 2

Groups of 2: 6 marbles in each group.

Groups of 3: 4 marbles in each group.

Groups of 4: 3 marbles in each group.

Page 38

Exercise 1

- | | |
|-------|--------|
| 1. 30 | 6. 5 |
| 2. 20 | 7. 15 |
| 3. 45 | 8. 25 |
| 4. 10 | 9. 40 |
| 5. 50 | 10. 35 |

Exercise 2

- 5, 10, 15, 20, 25, 30, 35, 40
- 25, 30, 35, 40, 45, 50, 55
- 65, 70, 75, 80, 85, 90, 95
- 50, 45, 40, 35, 30, 25, 20, 15
- 95, 90, 85, 80, 75, 70, 65, 60

Page 39

- | | |
|-----------------------|-------------------------|
| 1. $3 \times 10 = 30$ | 6. $10 \times 10 = 100$ |
| 2. $6 \times 10 = 60$ | 7. $2 \times 10 = 20$ |
| 3. $8 \times 10 = 80$ | 8. $4 \times 10 = 40$ |
| 4. $1 \times 10 = 10$ | 9. $9 \times 10 = 90$ |
| 5. $5 \times 10 = 50$ | 10. $7 \times 10 = 70$ |

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- | | |
|----------------------|----------------------|
| 1. $6 \times 3 = 18$ | 4. $9 \times 3 = 27$ |
| 2. $2 \times 5 = 10$ | 5. $4 \times 6 = 24$ |
| 3. $5 \times 5 = 25$ | 6. $8 \times 2 = 16$ |

Page 41

Exercise 1

- $6 \div 2 = 3$
- $2 \div 2 = 1$
- $8 \div 2 = 4$
- $10 \div 2 = 5$

Exercise 2

- $9 \div 3 = 3$
- $15 \div 3 = 5$
- $6 \div 3 = 2$

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Exercise 1

- $12 \div 4 = 3$
- $4 \div 4 = 1$
- $16 \div 4 = 4$
- $8 \div 4 = 2$
- $20 \div 4 = 5$

Exercise 2

- $15 \div 5 = 3$
- $20 \div 5 = 4$
- $5 \div 5 = 1$
- $10 \div 5 = 2$

Page 43

- | | |
|--------|--------|
| 1. 18c | 4. 33c |
| 2. 31c | 5. 24c |
| 3. 36c | |

Page 44

- | | |
|-------------|--------------|
| 1. 10 coins | 6. 50 coins |
| 2. 5 coins | 7. 20 coins |
| 3. 5 coins | 8. 10 coins |
| 4. 5 coins | 9. 100 coins |
| 5. 10 coins | 10. 2 coins |

Page 45

- | | |
|------------------------|------------------------------|
| 1. 5c, 1c | 6. 20c, 20c, 5c |
| 2. 10c, 5c, 2c | 7. 50c, 5c, 1c |
| 3. 20c, 2c, 2c | 8. 50c, 10c, 5c |
| 4. 20c, 10c, 2c,
1c | 9. 50c, 20c, 2c,
2c |
| 5. 20c, 20c | 10. 50c, 20c, 20c,
5c, 2c |

Page 46

- | | |
|--------|--------|
| 1. 9c | 5. 11c |
| 2. 45c | 6. 19c |
| 3. 32c | 7. 27c |
| 4. 24c | 8. 4c |

1. 104, 105, 106, 107, 108, 109, 110, 111
2. 123, 124, 125, 126, 127, 128, 129, 130
3. 141, 142, 143, 144, 145, 146, 147, 148
4. 186, 187, 188, 189, 190, 191, 192, 193
5. 193, 194, 195, 196, 197, 198, 199, 200
6. 150, 151, 152, 153, 154, 155, 156, 157
7. 116, 117, 118, 119, 120, 121, 122, 123
8. 130, 131, 132, 133, 134, 135, 136, 137
9. 173, 174, 175, 176, 177, 178, 179, 180
10. 165, 166, 167, 168, 169, 170, 171, 172

Exercise 1

1. 787, 788, 789, 790, 791, 792, 793, 794
2. 330, 331, 332, 333, 334, 335, 336, 337
3. 472, 473, 474, 475, 476, 477, 478, 479
4. 993, 994, 995, 996, 997, 998, 999, 1000
5. 596, 597, 598, 599, 600, 601, 602, 603

Exercise 2

1. 851 / 815 / 581 / 518 / 185 / 158
2. 647 / 674 / 746 / 764 / 476 / 467
3. 196 / 169 / 619 / 691 / 961 / 916
4. 283 / 283 / 328 / 382 / 832 / 823

Page 52

- $\frac{1}{2}$ of 10 = 5
- $\frac{1}{2}$ of 8 = 4
- $\frac{1}{2}$ of 4 = 2
- $\frac{1}{2}$ of 12 = 6
- $\frac{1}{2}$ of 20 = 10
- $\frac{1}{2}$ of 2 = 1

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- $\frac{1}{4}$ of 20 = 5
- $\frac{1}{4}$ of 8 = 2
- $\frac{1}{4}$ of 4 = 1
- $\frac{1}{4}$ of 16 = 4
- $\frac{1}{4}$ of 12 = 3
- $\frac{1}{4}$ of 24 = 6

Page 54

- 8cm
- 5cm
- 4cm
- 3cm
- 2cm
- 9cm
- 7cm
- 1cm

Page 55

- Tree
- TV
- Sofa
- Car
- 1 kg weight

Page 56

- 1l
- 9l
- 8l
- 30l
- 7l

Page 57

Exercise 1

- 2 o'clock
2:00
- Half past 8
8:30
- Half past 3
3:30
- Half past 11
11:30

Exercise 2

Minute hand on 6

Minute hand on 12

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Exercise 1

- Quarter to 8
7:45
- Quarter past 10
10:15
- Quarter past 4
4:15
- Quarter to 7
6:45

Exercise 2

Minute hand on 9

Minute hand on 3

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- | | |
|---------------|----------------|
| 1. 12 months | 8. 31 days |
| 2. 7 days | 9. 30 seconds |
| 3. 2 hours | 10. 12 hours |
| 4. 24 hours | 11. 30 minutes |
| 5. 60 minutes | 12. 4 seasons |
| 6. 60 seconds | 13. 30 days |
| 7. 3 weeks | 14. 365 days |

Page 60

- | | |
|-------------|--------------|
| 1. Triangle | 5. Hexagon |
| 2. Pentagon | 6. Rectangle |
| 3. Square | 7. Octagon |
| 4. Circle | 8. Hexagon |

Page 61

- | | |
|-------------|-------------|
| 1. Cube | 4. Cone |
| 2. Cylinder | 5. Pyramid |
| 3. Cuboid | 6. Cylinder |

Page 63

1, 6 and 7 are the right angles.

Page 64

- | | |
|------------------|------------------|
| 1. Clockwise | 5. Clockwise |
| 2. Anticlockwise | 6. Anticlockwise |
| 3. Anticlockwise | 7. Anticlockwise |
| 4. Clockwise | 8. Clockwise |