

Think & Learn
ANSWERS



MATHS

MATHEMATICS



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Exercise 1

1. Two thousand seven hundred and two
2. Ten thousand four hundred and sixteen
3. Thirty-five thousand and nine
4. Ninety-nine thousand seven hundred and forty-three
5. Eighty thousand three hundred and forty-eight
6. Fifty-two thousand seven hundred and thirty-five

Exercise 2

- | | |
|-----------|------------|
| 1. 6,006 | 4. 34,930 |
| 2. 1,019 | 5. 65,324 |
| 3. 73,212 | 6. 100,000 |

- | | | | |
|-----------|-----------|------------|-----------|
| 1. 80,000 | 5. 400 | 9. 5 | 13. 800 |
| 2. 1 | 6. 60 | 10. 10 | 14. 8 |
| 3. 20 | 7. 600 | 11. 90,000 | 15. 2,000 |
| 4. 6,000 | 8. 90,000 | 12. 6,000 | |

- | | | | |
|------|-------|-------|-------|
| 1. > | 7. < | 13. < | 19. < |
| 2. < | 8. > | 14. < | 20. < |
| 3. > | 9. > | 15. > | 21. < |
| 4. < | 10. > | 16. < | 22. < |
| 5. > | 11. < | 17. > | 23. < |
| 6. > | 12. < | 18. > | |

Exercise 1

1. 23,440, 23,450, 23,460, 23,470
2. 74,358, 74,360, 74,362, 74,365
3. 56,898, 56,899, 56,900, 56,901
4. 9,998, 9,999, 10,000, 10,001
5. 84,218, 84,219, 84,220, 84,221
6. 33,330, 33,331, 33,332, 33,333

Exercise 2

1. 61,811, 61,810, 61,809, 61,808
2. 42,002, 42,001, 42,000, 41,999
3. 76,422, 76,420, 76,418, 76,416
4. 10,443, 10,441, 10,439, 10,437
5. 27,005, 27,000, 26,995, 26,990
6. 100,000, 99,999, 99,998, 99,997

Exercise 1

Even numbers (**red**)

10, 24, 16, 48, 84, 250, 22, 104,
18, 702, 110, 4, 316, 338, 694

Odd numbers (**blue**)

13, 55, 27, 41, 77, 15, 37, 19, 63,
129, 33, 95, 425, 97, 203, 419,
525

Exercise 2

1. $7 + 5 = 12$
2. $15 + 15 = 30$
3. $11 + 5 = 16$
4. $41 + 1 = 42$
5. $27 + 27 = 54$
6. $33 + 37 = 70$
7. $39 + 43 = 82$

1. 223, 225, 227, **229, 231, 233**, 235, **237**
2. 95, **100**, 105, 110, **115, 120, 125**, 130
3. 121, 118, **115, 112, 109**, 106, **103, 100**
4. 998, **999, 1000**, 1001, 1002, **1003, 1004, 1005**
5. 75, 100, **125, 150, 175, 200**, 225, **250**
6. 45, 47, **49, 51, 53, 55, 57, 59**
7. 850, **800**, 750, 700, **650, 600**, 550, **500**
8. 350, **450, 550, 650**, 750, 850, 950, **1050**
9. 250, 300, **350, 400, 450**, 500, 550, 600
10. 391, 381, **371, 361**, 351, **341**, 331, **321**
11. 635, 630, **625, 620, 615, 610**, 605, **600**
12. 556, 552, **548, 544, 540, 536, 532**, 528
13. 748, **738, 728, 718**, 708, **698, 688**, 678
14. 881, 884, **887, 890**, 893, **896, 899, 902**
15. 875, **850, 825, 800, 775**, 750, **725, 700**

Exercise 1 (suggested answers)

- | | |
|-----------------------|----------------------|
| 1. 10, 20, 30, 40, 50 | 5. 6, 12, 18, 24, 30 |
| 2. 2, 4, 6, 8, 10 | 6. 8, 16, 24, 32, 40 |
| 3. 4, 8, 12, 16, 20 | 7. 9, 18, 27, 36, 45 |
| 4. 7, 14, 21, 28, 35 | |

Exercise 2

- a. **Circle:** 3, 6, 9, 12, 15, 18, 21, 24, 27, 30
- b. **Square:** 5, 10, 15, 20, 25, 30
- c. 15 and 30

1. 18, 36, 54, 72, 90
2. 33, 66, 99, 132, 165
3. 72, 144, 216, 288, 360
4. 24, 48, 72, 96, 120
5. 57, 114, 171, 228, 285
6. 61, 122, 183, 244, 305
7. 20, 40, 60, 80, 100
8. 43, 86, 129, 172, 215
9. 52, 104, 156, 208, 260
10. 100, 200, 300, 400, 500

Exercise 1

Circle: 16, 12, 40, 24, 20, 36, 26,
32, 44

Exercise 2

Circle: 30, 10, 25, 50, 20, 35, 40,
45, 65, 60
Square: 12, 30, 10, 50, 14, 22,
20, 40, 44, 62, 60

Exercise 1

1. False
2. False
3. True
4. True
5. False

Exercise 2

1. $2 \times 2 \rightarrow j \ 4$
2. $9 \times 9 \rightarrow a \ 81$
3. $1 \times 1 \rightarrow e \ 1$
4. $6 \times 6 \rightarrow b \ 36$
5. $8 \times 8 \rightarrow i \ 64$
6. $3 \times 3 \rightarrow h \ 9$
7. $7 \times 7 \rightarrow d \ 49$
8. $4 \times 4 \rightarrow c \ 16$
9. $10 \times 10 \rightarrow g \ 100$

Exercise 1

		tenths	hundredths
1.	53.68	53. 68	53. 68
2.	74.13	74. 13	74. 13
3.	64.8	64.8	
4.	92.04	92. 04	92. 04
5.	12.11	12. 11	12. 11
6.	29.92	29. 92	29. 92
7.	0.04	0.04	0.04
8.	56.13	56. 13	56. 13

Exercise 2

1. Hundredths
2. Tenths
3. Hundredths
4. Hundredths
5. Tenths

1. 12.5, 13, **13.5, 14**, 14.5, 15, 15.5, 16
2. 6.85, 6.65, **6.45**, 6.25, **6.05**, 5.85, **5.65**, 5.45
3. 10.2, 10.4, **10.6, 10.8**, 11, **11.2, 11.4, 11.6**
4. 14, 14.25, **14.5, 14.75**, 15, **15.25, 15.5**, 15.75
5. 6.43, 6.23, **6.03, 5.83**, 5.63, **5.43, 5.23, 5.03**
6. 0.39, 0.59, **0.79, 0.99**, 1.19, **1.39, 1.59, 1.79**
7. 7.16, 7.06, 6.96, 6.86, 6.76, **6.66, 6.56**, 6.46
8. 0.06, 0.56, **1.06, 1.56, 2.06, 2.56**, 3.06, **3.56**
9. 30, 29.8, **29.6, 29.4, 29.2, 29**, 28.8, **28.6**
10. 12, 11.75, **11.5, 11.25, 11**, **10.75, 10.5**, 10.25
11. 92.04, **92.24, 92.44, 92.64, 92.84, 93.04, 93.24, 93.44**
12. 16.01, **16.11, 16.21, 16.31, 16.41, 16.51, 16.61**, 16.71
13. 18.5, **18.25, 18, 17.75, 17.5, 17.25, 17, 16.75**

Exercise 1

1. $\frac{3}{4}$
2. $\frac{6}{8}$
3. $\frac{2}{3}$
4. $\frac{5}{9}$
5. $\frac{4}{7}$
6. $\frac{8}{9}$

Exercise 2

1. $\frac{7}{9}$
2. $\frac{3}{5}$
3. $\frac{5}{8}$
4. $\frac{4}{9}$
5. $\frac{6}{7}$
6. $\frac{8}{10}$

Exercise 3 (suggested answers)

1. $\frac{2}{4}$
2. $\frac{6}{7}$
3. $\frac{2}{7}$
4. $\frac{4}{8}$
5. $\frac{2}{7}$
6. $\frac{4}{9}$

1. $2\frac{1}{2}$
2. $1\frac{5}{8}$
3. $3\frac{1}{3}$
4. $3\frac{1}{4}$
5. $1\frac{1}{3}$
6. $3\frac{3}{4}$
7. $5\frac{1}{2}$
8. $4\frac{2}{3}$

1. $\frac{2}{10}$ and $\frac{3}{15}$
2. $\frac{3}{18}$ and $\frac{2}{12}$
3. $\frac{3}{6}$ and $\frac{2}{4}$
4. $\frac{2}{3}$ and $\frac{3}{12}$
5. $\frac{3}{21}$ and $\frac{2}{16}$
6. $\frac{2}{18}$ and $\frac{4}{36}$
7. $\frac{2}{6}$ and $\frac{5}{15}$

Exercise 1

1. 0.36
2. 0.42
3. 0.5
4. 0.07
5. 0.2
6. 0.25
7. 0.2

Exercise 2

1. $\frac{6}{10}$
2. $\frac{30}{100}$
3. $\frac{40}{100}$
4. $\frac{1}{100}$
5. $\frac{1}{10}$
6. $\frac{78}{100}$
7. $\frac{99}{100}$
8. $\frac{7}{5}$
9. $\frac{1}{3}$
10. $\frac{7}{10}$
11. $\frac{15}{100}$

Page 18

1. $0.2, 0.5, \frac{3}{4}, 1\frac{1}{2}$
2. $\frac{80}{100}, 1\frac{2}{10}, 1.4, 1.5$
3. $\frac{7}{10}, 2\frac{1}{5}, 2.3, 2\frac{6}{10}$
4. $3.5, 3\frac{60}{100}, 3.7, 3\frac{3}{4}$
5. $\frac{1}{5}, \frac{25}{100}, \frac{1}{2}, 0.75$
6. $5\frac{1}{5}, 5\frac{1}{4}, 5\frac{3}{10}, 5.5$

Page 19

Exercise 1

1. 3.02
2. 4.66
3. 9.85
4. 1.25
5. 4.52
6. 6.68
7. 8.49

Exercise 2

1. 2.8
2. 3.25
3. 5.9
4. 8.49
5. 6.46
6. 9.12
7. 7.88
8. 12.95

Page 20

- | | |
|--------|---------|
| 1. 646 | 7. 547 |
| 2. 83 | 8. 79 |
| 3. 135 | 9. 545 |
| 4. 83 | 10. 145 |
| 5. 331 | 11. 741 |
| 6. 587 | 12. 390 |

Page 21

- | | |
|----------|-----------|
| 1. 7,920 | 6. 9,201 |
| 2. 6,610 | 7. 8,958 |
| 3. 5,788 | 8. 4,966 |
| 4. 3,884 | 9. 1,445 |
| 5. 4,293 | 10. 5,494 |

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- | | |
|----------|----------|
| 1. 4,396 | 5. 8,013 |
| 2. 47.16 | 6. 1,875 |
| 3. 2,298 | 7. 2,190 |
| 4. 1,700 | 8. 4,200 |

Page 23

1. $225 \times 4 = \mathbf{900}$
 $\mathbf{900} \div 4 = 225$
2. $186 \times 6 = \mathbf{1,116}$
 $\mathbf{1,116} \div 6 = \mathbf{186}$
3. $253 \times 8 = \mathbf{2,024}$
 $\mathbf{2,024} \div 8 = 253$
4. $450 \times 5 = \mathbf{2,250}$
 $\mathbf{2,250} \div 5 = \mathbf{450}$
5. $3,304 \div 7 = \mathbf{472}$
 $\mathbf{472} \times 7 = \mathbf{3,304}$
6. $864 \div 2 = \mathbf{432}$
 $\mathbf{432} \times 2 = 864$
7. $3,159 \div 9 = \mathbf{351}$
 $\mathbf{351} \times 9 = \mathbf{3,195}$
8. $3,275 \div 5 = \mathbf{655}$
 $\mathbf{655} \times 5 = 3,275$
9. $2,872 \div 8 = \mathbf{359}$
 $\mathbf{359} \times 8 = 2,872$

Page 24

1. $35 \times 100 = \mathbf{3,500}$
2. $76 \times 1,000 = \mathbf{76,000}$
3. $10 \times 100 = \mathbf{1,000}$
4. $248 \times 10 = \mathbf{2,480}$
5. $624 \times 10 = \mathbf{6,240}$
6. $80 \times 1,000 = \mathbf{80,000}$
7. $100 \times 100 = \mathbf{10,000}$
8. $72 \times 100 = \mathbf{7,200}$
9. $10 \times 10 = \mathbf{100}$
10. $82 \times \mathbf{1,000} = 82,000$
11. $\mathbf{17} \times 10 = 170$
12. $\mathbf{99} \times 100 = 9,900$
13. $43 \times \mathbf{100} = 4,300$
14. $79 \times \mathbf{100} = 7,900$
15. $\mathbf{100} \times 10 = 1,000$
16. $\mathbf{66} \times \mathbf{100} = 6,600$
17. $\mathbf{19} \times \mathbf{10} = 190$
18. $\mathbf{27} \times \mathbf{10} = 270$
19. $\mathbf{12} \times = \mathbf{100} \ 1,200$

Page 25

- | | | | |
|-------|--------|--------|--------|
| 1. 16 | 6. 13 | 11. 1 | 16. 23 |
| 2. 15 | 7. 16 | 12. 17 | 17. 25 |
| 3. 13 | 8. 18 | 13. 19 | 18. 28 |
| 4. 14 | 9. 25 | 14. 27 | 19. 32 |
| 5. 12 | 10. 37 | 15. 25 | 20. 31 |

1. $14r1 = 14\frac{1}{4}$
2. $21r2 = 21\frac{2}{3}$
3. $18r2 = 18\frac{1}{3}$
4. $22r2 = 22\frac{2}{5}$
5. $23r2 = 23\frac{2}{7}$
6. $24r3 = 24\frac{3}{8}$
7. $18r5 = 18\frac{5}{9}$
8. $23r3 = 23\frac{1}{2}$
9. $43r3 = 43\frac{3}{4}$
10. $61r2 = 61\frac{1}{3}$
11. $34r1 = 34\frac{1}{8}$
12. $87r7 = 87\frac{7}{9}$

1. 23
2. €1,040
3. 43 bags
4. 510 sweets
5. 774
6. 738
7. 61.6cm
8. 3

Exercise 1

1. 40
2. 70
3. 50
4. 80
5. 40
6. 60
7. 90
8. 10
9. 40
10. 250
11. 730

Exercise 2

12. 900
13. 400
14. 800
15. 6,200
16. 3,900
17. 5,200
18. 8,900
19. 7,600

Exercise 3

Put an X on numbers 2, 5, 6, 8

Page 29

1. 64 full pages.
2. 16 rooms are needed.
3. 6 bags of cat food.
4. 11 nets

Page 30

- | | |
|-----------|----------|
| 1. 8.88 | 13. 1.98 |
| 2. 8.11 | 14. 2.37 |
| 3. 8.51 | 15. 5.86 |
| 4. 5.21 | 16. 2.76 |
| 5. 9.03 | 17. 3.21 |
| 6. 6.2 | 18. 3.61 |
| 7. 5.95 | 19. 3.39 |
| 8. 10.16 | 20. 2.46 |
| 9. 9.42 | 21. 2.54 |
| 10. 17.4 | 22. 1.19 |
| 11. 12.02 | 23. 4.87 |
| 12. 2.56 | |

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Exercise 1

- | | |
|---------|----------|
| 1. 2.3 | 5. 6.09 |
| 2. 8.28 | 6. 10.13 |
| 3. 3.43 | 7. 1.69 |
| 4. 4.11 | |

Exercise 2

- | | | |
|---------|----|---------|
| 1. 9.06 | -> | c. 2.94 |
| 2. 5.45 | -> | e. 6.55 |
| 3. 8.20 | -> | d. 3.80 |
| 4. 4.12 | -> | b. 7.88 |
| 5. 7.36 | -> | a. 4.64 |

Page 32

- | | |
|---------------------------|-----------------------------|
| 1. 0.25 + 0.75 = 1 | 11. 3.75 + 6.25 = 10 |
| 2. 0.75 + 0.25 = 1 | 12. 1.75 + 8.25 = 10 |
| 3. 0.3 + 0.7 = 1 | 13. 5.5 + 4.5 = 10 |
| 4. 0.2 + 0.8 = 1 | 14. 9.75 + 0.25 = 10 |
| 5. 0.2 + 0.8 = 1 | 15. 6.25 + 3.75 = 10 |
| 6. 0.6 + 0.4 = 1 | 16. 2.75 + 7.25 = 10 |
| 7. 0.6 + 0.4 = 1 | 17. 2.75 + 7.25 = 10 |
| 8. 0.3 + 0.7 = 1 | 18. 6.5 + 3.5 = 10 |
| 9. 0.9 + 0.1 = 1 | 19. 5.25 + 4.75 = 10 |
| 10. 1.5 + 8.5 = 10 | |

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- | | |
|----------|------------|
| 1. 64 | 9. 2,148 |
| 2. 63 | 10. 1,134 |
| 3. 104 | 11. 5,556 |
| 4. 120 | 12. 8,572 |
| 5. 378 | 13. 10,890 |
| 6. 3,384 | 14. 17,170 |
| 7. 5,012 | 15. 5,526 |
| 8. 3,075 | 16. 45,745 |

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- | | |
|----------|-----------|
| 1. 16.8 | 9. 214.2 |
| 2. 18.5 | 10. 455.7 |
| 3. 15.3 | 11. 243.9 |
| 4. 47.6 | 12. 9.24 |
| 5. 73.6 | 13. 21.66 |
| 6. 229.5 | 14. 21.2 |
| 7. 93.6 | 15. 24.04 |
| 8. 389.6 | 16. 15.2 |

Page 35

- | | |
|--------|------------|
| 1. 37 | 9. 138 |
| 2. 27 | 10. 115.25 |
| 3. 23 | 11. 155 |
| 4. 13 | 12. 163 |
| 5. 17 | 13. 108 |
| 6. 26 | 14. 122 |
| 7. 176 | 15. 174 |
| 8. 133 | 16. 126 |

Page 36

- | | |
|--------|----------|
| 1. 0.4 | 8. 0.9 |
| 2. 2.9 | 9. 0.46 |
| 3. 1.6 | 10. 0.34 |
| 4. 1.2 | 11. 0.48 |
| 5. 1.7 | 12. 0.22 |
| 6. 2.3 | 13. 1.21 |
| 7. 2.9 | 14. 1.64 |

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Exercise 1

1. 4
2. 13
3. 36
4. 490
5. 610
6. 520

Exercise 2

1. 6.29
2. 3.49
3. 2.7
4. 0.196
5. 6.46
6. 8.1

Page 38

Exercise 1

1. 152
2. 240
3. 300
4. 662
5. 520
6. 7.4
7. 14.4
8. 12.2
9. 1.84
10. 0.66
11. 0.94

Exercise 2

1. 32
2. 21
3. 25
4. 44
5. 38
6. 0.6
7. 0.7
8. 1.34
9. 1.56
10. 3.17
11. 2.63

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- | | |
|--------|--------|
| 1. 9 | 11. 13 |
| 2. 7 | 12. 16 |
| 3. 4 | 13. 18 |
| 4. 11 | 14. 21 |
| 5. 13 | 15. 30 |
| 6. 14 | 16. 43 |
| 7. 21 | 17. 26 |
| 8. 18 | 18. 16 |
| 9. 9 | 19. 20 |
| 10. 11 | |

Page 40

1. **4m = 400cm = 4,000mm**
2. **6m = 600cm = 6,000mm**
3. **3km = 3,000m = 300,000cm**
4. **5km = 5,000m = 500,000cm**
5. **1m = 100cm = 1,000mm**
6. **10m = 1,000cm = 10,000mm**
7. **2km = 2,000m = 200,000cm**
8. **20km = 20,000m = 2,000,000cm**
9. **1km = 1,000m = 100,000cm**
10. **3m = 300cm = 3,000mm**
11. **100m = 10,000cm = 100,000mm**

Page 41

- | | |
|--------|--------|
| 1. 1cm | 4. 4cm |
| 2. 6cm | 5. 2cm |
| 3. 8cm | 6. 5cm |

Page 42

- | | |
|---------|---------|
| 1. 15cm | 4. 14cm |
| 2. 16cm | 5. 15cm |
| 3. 18cm | 6. 22cm |

Page 43

- | | | |
|---------------------|----|---------------------|
| 1. 1kg | -> | d. 1,000g |
| 2. 250g | -> | f. $\frac{1}{4}$ kg |
| 3. 3.5kg | -> | a. 3,500g |
| 4. 4,000g | -> | c. 4kg |
| 5. 360g | -> | h. 0.36kg |
| 6. $\frac{3}{4}$ kg | -> | b. 0.75kg |
| 7. 5kg 7g | -> | e. 5,007g |
| 8. 2,760g | -> | g. 2.76kg |

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- | | |
|----------|---------|
| 1. 2.5kg | 3. 30kg |
| 2. 50g | 4. 200g |

Page 45

Exercise 1

- 200ml
- 3l
- 25 jugs
- 12 cups
- 1.25l

Exercise 2

- a 3l
b 0.45l
c 0.25l
d 6l

Page 43

- Kettles **a** and **b** together hold 1.75l.
- Kettle **e** holds 0.82l.
- Kettles **b** and **d** have the same capacity. The capacity of kettle **f** is double that of kettle **e**.
- Kettle **c** holds 2,500ml more than kettle **a**.

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Exercise 1

- 3,201c
- 101,00c
- 3,000c
- 8,004c
- 9,814c
- 6,405c
- 2,412c
- 6,150c
- 5,500c

Exercise 2

- €10
- €12.07
- €24.80
- €35.60
- €40.09
- €87.06
- €50.90
- €60.04
- €77.07

Page 48

1. €6,750
2. €2,050
3. €2,780
4. €1,250
5. €3,580
6. €5,030
7. €330

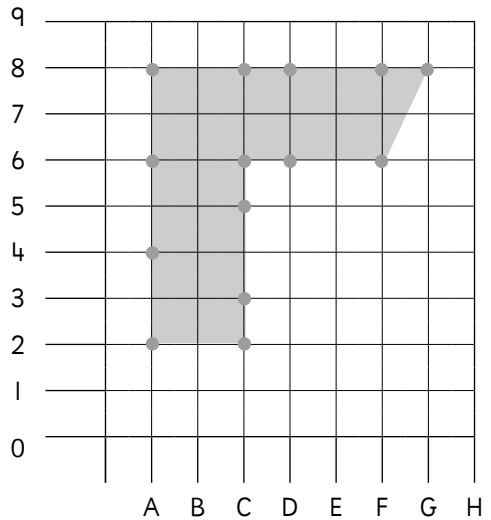
Page 49

1. Offer B
2. Offer A
3. Offer A
4. Offer A
5. Offer B

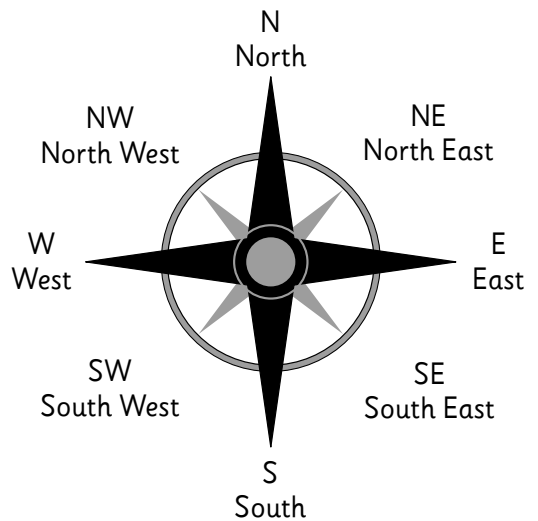
Page 50

1. $32 \times 7 = 224$
2. $256 \times 8 = 2,048$
3. $112 \div 7 = 16$
4. $256 \div 8 = 32$
5. $112 \times 7 = 784$
6. $256 \times 7 = 1,792$
7. $32 \times 8 = 256$
8. $112 \times 8 = 896$
9. $8 \times 7 = 56$
10. $112 \div 8 = 14$
11. $256 \div 7 = 36r4$

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Page 53

1. Whole turns (colour **red**): 3, 6
2. Half turns (colour **blue**): 2, 7, 8, 10

Page 54

1. Acute Angles (Colour **yellow**): 1, 3, 4 and 5
2. Obtuse Angles (Colour **green**): 2, 6, 7 and 8

Page 55

Exercise 1

1. 16cm
2. 24cm
3. 12cm
4. 20cm

Exercise 2

1. 12cm
2. 9cm
3. 6cm

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1. 6cm^2
2. 8cm^2
3. 2cm^2
4. 8cm^2
5. 9cm^2

Page 57

1. 21cm^2
2. 40cm^2
3. 84cm^2
4. 24cm^2
5. 14cm^2
6. 252cm^2

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Exercise 1

1. 1 hour 40 minutes.
2. 2 hours 10 minutes.
3. 3 hours 30 minutes.
4. 4 hours 0 minutes.
5. 5 hours 20 minutes.

Exercise 2

1. 75 minutes.
2. 310 minutes.
3. 186 minutes.
4. 265 minutes.
5. 380 minutes.
6. 115 minutes.

Exercise 1

1. 1 minute 5 seconds.
2. 1 minute 22 seconds.
3. 1 minute 50 seconds.
4. 1 minute 35 seconds.
5. 1 minute 59 seconds.
6. 2 minutes 3 seconds.

Exercise 2

1. 70 seconds.
2. 85 seconds.
3. 135 seconds.
4. 150 seconds.
5. 145 seconds.
6. 192 seconds.

1. Quarter past nine
2. Half past five
3. Six o'clock
4. Quarter past two
5. Quarter past eleven
6. Half past twelve
7. Half past nine
8. Quarter to seven

Exercise 1

1. News
2. Doctor's Talk
3. Becoming a Good Chef

Exercise 2

1. 1 hr 15 mins.
2. 1 hr 30 mins.
3. 1 hr 45 mins.

1. 1 hour 5 minutes
2. 1 hour 30 minutes
3. 1 hour 35 minutes
4. 1 hour 50 minutes
5. 1 hour 5 minutes
6. 30 minutes
7. 1 hour 55 minutes
8. 1 hour 45 minutes
9. 1 hour 55 minutes

Starting Time	Duration	Finishing Time
8.10pm	1 hour 25 mins	9.35pm
4.15pm	1 hour 10 mins	5.25pm
6.30am	2 hours 20 mins	8.50am
8.30am	1 hour 15 mins	9.45am
9.15pm	2 hours 30 mins	11.45pm
9.55pm	1 hour 10 mins	11.05pm

Colour **red**: 2 and 5

Colour **blue**: 1, 6 and 8

Colour **yellow**: 3, 4 and 7

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

1. Regular
2. Irregular
3. Regular
4. Irregular
5. Irregular
6. Regular
7. Regular
8. Regular

1. Cone
2. Cube
3. Cuboid
4. Square-based pyramid
5. Cylinder

1. b
2. c
3. d
4. e
5. a

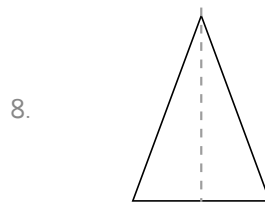
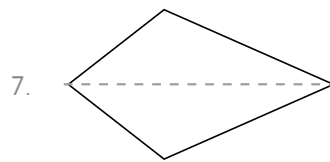
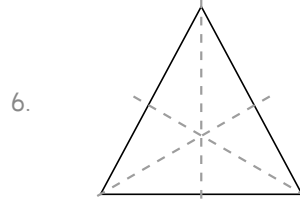
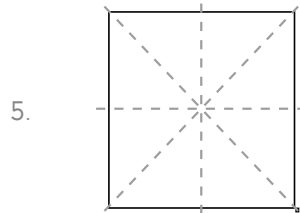
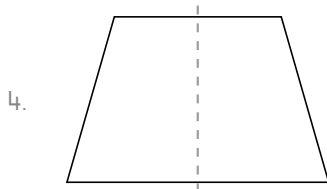
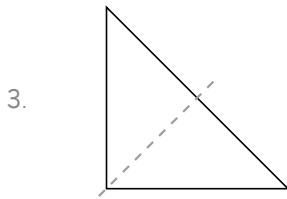
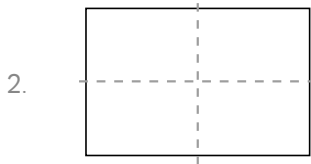
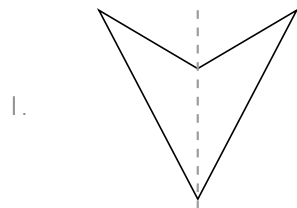
Exercise 1

Shape	Faces	Edges	Vertices
cube	6	12	8
cuboid	6	12	8
cylinder	3	2	0
cone	2	1	1
square-based pyramid	5	8	5

Exercise 2

cube	>	6 flat faces which are the same
cuboid	>	6 flat faces
cylinder	>	2 flat faces and 1 curved face
cone	>	1 flat face and 1 curved face
square based pyramid	>	5 flat faces

Colour **yellow**: 1, 4, 6, 7, 9 and 10



1. 180°
2. 90°
3. 90°
4. 180°
5. 90°
6. 90°
7. 135°

Exercise 1

	Frequency
	6
	3
	9
	1
	2
	0

Exercise 2

1. 6 children
2. Black
3. 1 satchel
4. White satchel
5. 7 children
6. 21 children

1. Orange
2. Pineapple
3. 20 children
4. 10 children
5. 110 children

1. Pizza
2. 9 children
3. 3 more children
4. Pizza
5. Bread and Pasta
6. Ice-cream
7. 0
8. 29

Exercise 1

61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79

Exercise 2

	Multiple of 5	Not multiples of 5
Odd	65, 75	61, 63, 67, 69, 71, 73, 77, 79
Even	70	62, 64, 66, 68, 72, 74, 76, 78