

Think & Learn
ANSWERS

4

MATHS

MATHEMATICS



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Page 2

1. One hundred and fifty-four
2. Four hundred and thirty-six
3. Six hundred and seventeen
4. Three hundred and eighty-two
5. Seven hundred and twenty-two
6. Two hundred and sixty-eight
7. Five hundred and forty-five
8. Eight hundred and seventy-nine

Page 3

Exercise 1

1. 347
2. 786
3. 230
4. 981
5. 604
6. 112

Exercise 2

7. 899
8. 401
9. 717
10. 529
11. 355
12. 848

Page 4

1. 2,537
2. 4,819
3. 3,653
4. 6,006
5. 5,999
6. 7,080
7. 1,124
8. 8,645
9. 6,367
10. 9,119

Page 5

1. Five thousand four hundred and thirty-eight
2. Nine thousand one hundred and twenty-three
3. Seven thousand six hundred and forty-five
4. Three thousand nine hundred and ninety
5. Three thousand eight hundred
6. Seven thousand and twenty-three
7. Eight thousand and sixteen
8. One thousand eight hundred and twelve
9. Nine thousand and one
10. Four thousand and twenty

Page 6

1. Tens, 40
2. Hundreds, 500
3. Thousands, 9,000
4. Ones, 4
5. Hundreds, 900
6. Ones, 1
7. Tens, 50
8. Hundreds, 800
9. Ones, 6
10. Hundreds, 800

Page 7

- 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17
- 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114
- 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877
- 5,324, 5,325, 5,326, 5,327, 5,328, 5,329, 5,330, 5,331, 5,332, 5,333, 5,334
- 8,001, 8,002, 8,003, 8,004, 8,005, 8,006, 8,007, 8,008, 8,009, 8,010, 8,011

Page 8

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

Page 9

	Smallest number	Biggest number
1.	247	7,420
2.	3,468	8,643
3.	1,379	9,731
4.	3,478	8,743
5.	1,358	8,531
6.	89	9,800
7.	2,479	9,742

Page 10

Even numbers (red):

86, 24, 3,976, 146, 56, 462, 100, 84, 326, 72, 946, 638, 900, 98, 492, 1,836, 318

Odd numbers (blue):

41, 4,289, 61, 75, 4,217, 801, 2,687, 5,723, 839, 747, 245, 45, 647, 57, 519, 9,863, 213, 363, 425, 5,643

Page 11

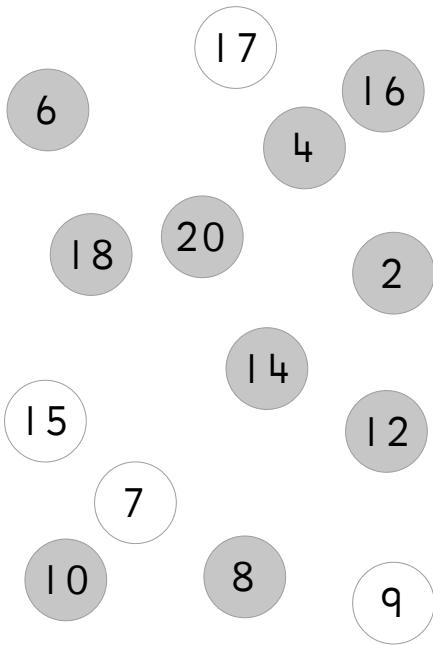
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- 0, 10, 20, 30, 40, 50, 60
- 0, 25, 50, 75, 100, 125, 150
- 50, 100, 150, 200, 250, 300, 350
- 125, 150, 175, 200, 225, 250, 275
- 3,200, 3,300, 3,400, 3,500, 3,600, 3,700, 3,800
- 9,910, 9,920, 9,930, 9,940, 9,950, 9,960, 9,970
- 6,550, 6,500, 6,450, 6,400, 6,350, 6,300, 6,250
- 550, 650, 750, 850, 950, 1,050, 1,150
- 50, 100, 150, 200, 250, 300, 350

Page 12

- | | |
|-------------------------------|--------------------------------|
| 1. 24, 27, 30, 33, 36, 39, 42 | 7. 54, 50, 46, 42, 38, 34, 30 |
| 2. 16, 20, 24, 28, 32, 36, 40 | 8. 21, 18, 15, 12, 9, 6, 3 |
| 3. 7, 12, 17, 22, 27, 32, 37 | 9. 6, 11, 16, 21, 26, 31, 36 |
| 4. 47, 44, 41, 38, 35, 32, 29 | 10. 48, 44, 40, 36, 32, 28, 24 |
| 5. 14, 18, 22, 26, 30, 34, 38 | 11. 30, 25, 20, 15, 10, 5, 0 |
| 6. 50, 45, 40, 35, 30, 25, 20 | 12. 16, 19, 22, 25, 28, 31, 34 |

Page 13

- | | | | |
|-------|--------|-------|-------|
| 1. 20 | 2. 30 | 3. 30 | 4. 50 |
| 5. 40 | 6. 70 | 7. 15 | 8. 40 |
| 9. 2 | 10. 2 | 11. 9 | 12. 6 |
| 13. 5 | 14. 10 | 15. 7 | 16. 9 |



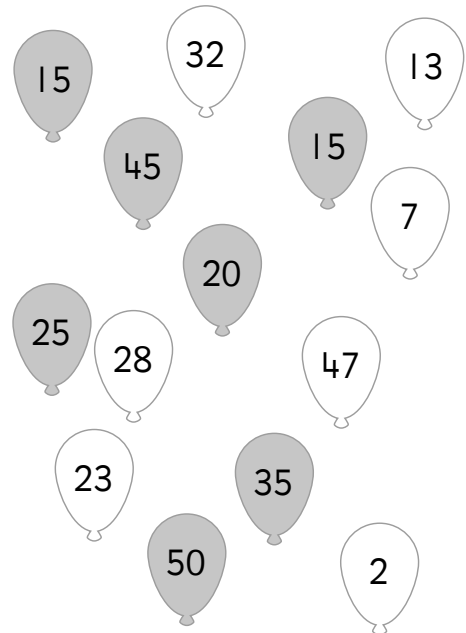
1. $4 \times 3 = 12$
2. $6 \times 3 = 18$
3. $5 \times 3 = 15$
4. $2 \times 3 = 6$
5. $7 \times 3 = 21$
6. $8 \times 3 = 24$
7. $3 \times 3 = 9$
8. $9 \times 3 = 27$

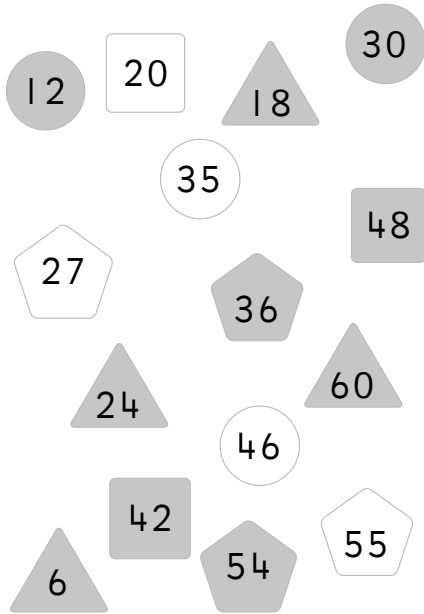
Exercise 1

1. $6 \times 4 = 24$
2. $2 \times 4 = 8$
3. $10 \times 4 = 40$
4. $5 \times 4 = 20$
5. $7 \times 4 = 28$
6. $3 \times 4 = 12$
7. $9 \times 4 = 36$
8. $8 \times 4 = 32$

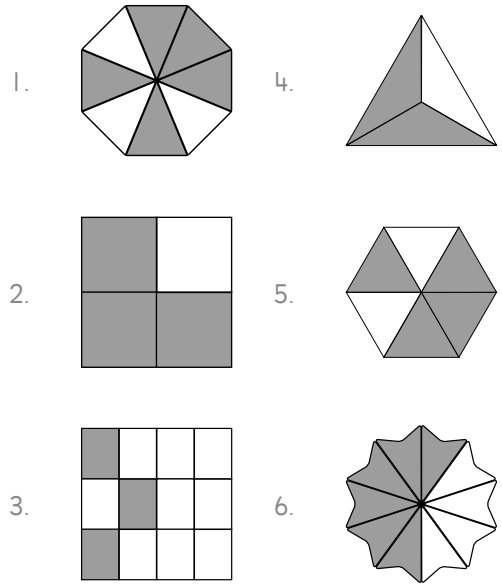
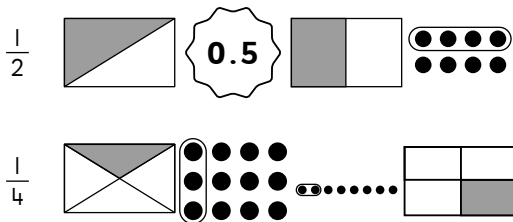
Exercise 2

11	$\times 4$	$= 44$
4	$\times 4$	$= 16$
12	$\times 4$	$= 48$
1	$\times 4$	$= 4$
9	$\times 4$	$= 36$
8	$\times 4$	$= 32$





- | | |
|----------------------|-----------------------|
| 1. $4 \times 8 = 32$ | 5. $1 \times 8 = 8$ |
| 2. $2 \times 8 = 16$ | 6. $7 \times 8 = 56$ |
| 3. $6 \times 8 = 48$ | 7. $3 \times 8 = 24$ |
| 4. $5 \times 8 = 40$ | 8. $10 \times 8 = 80$ |



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

Page 23

Exercise 1

1. $\frac{3}{6}$
2. $\frac{6}{8}$
3. $\frac{4}{10}$
4. $\frac{3}{12}$
5. $\frac{2}{4}$
6. $\frac{2}{5}$
7. $\frac{3}{9}$
8. $\frac{4}{6}$

Exercise 2

1. $\frac{1}{2}$
2. $\frac{2}{3}$
3. $\frac{6}{12}$
4. $\frac{8}{12}$
5. $\frac{8}{12}$
6. $\frac{4}{8}$

Page 24

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

Page 25

1. $0 \quad \frac{1}{3} \quad \frac{1}{2} \quad \frac{5}{9}$
2. $0 \quad \frac{1}{3} \quad \frac{1}{2} \quad \frac{8}{10}$
3. $0 \quad \frac{1}{3} \quad \frac{1}{2} \quad \frac{3}{4}$
4. $0 \quad \frac{2}{10} \quad \frac{1}{4} \quad \frac{1}{3}$
5. $0 \quad \frac{1}{5} \quad \frac{1}{2} \quad \frac{9}{10}$
6. $0 \quad \frac{1}{10} \quad \frac{1}{4} \quad \frac{4}{5}$

Page 26

- | | |
|---------|-----------|
| 1. 20 | 11. 603 |
| 2. 136 | 12. 106 |
| 3. 224 | 13. 713 |
| 4. 58 | 14. 1,000 |
| 5. 336 | 15. 118 |
| 6. 841 | 16. 510 |
| 7. 838 | 17. 201 |
| 8. 200 | 18. 917 |
| 9. 614 | 19. 1,000 |
| 10. 918 | 20. 306 |

1. $84 + 7 + 8 = 99$

$8 + 84 + 7 = 99$

2. $100 + 10 + 18 = 128$

$10 + 100 + 18 = 128$

3. $234 + 10 + 11 = 255$

$11 + 234 + 10 = 255$

4. $880 + 100 + 10 = 990$

$10 + 100 + 880 = 990$

5. $36 + 12 + 100 = 148$

$100 + 12 + 36 = 148$

6. $406 + 14 + 100 = 520$

$14 + 100 + 406 = 520$

7. $300 + 90 + 100 = 490$

$100 + 90 + 300 = 490$

8. $508 + 22 + 10 = 540$

$22 + 10 + 508 = 540$

9. $900 + 9 + 90 = 999$

$900 + 90 + 9 = 999$

10. $4 + 10 + 100 = 114$

$10 + 100 + 4 = 114$

11. $108 + 32 + 10 = 150$

$10 + 108 + 32 = 150$

12. $105 + 95 + 100 = 300$

$100 + 95 + 105 = 300$

13. $87 + 100 + 13 = 200$

$13 + 87 + 100 = 200$

14. $128 + 42 + 100 = 270$

$100 + 128 + 42 = 270$

1. 10

5. 9

9. 19

13. 11

2. 5

6. 1

10. 9

14. 16

3. 8

7. 12

11. 4

15. 7

4. 6

8. 9

12. 9

16. 7

Page 29

- | | |
|-------------------|---------------------|
| 1. $23 + 46 = 69$ | 8. $75 - 37 = 38$ |
| $69 - 46 = 23$ | $38 + 37 = 75$ |
| 2. $47 + 35 = 82$ | 9. $53 + 29 = 82$ |
| $82 - 35 = 46$ | $82 - 29 = 53$ |
| 3. $34 + 18 = 52$ | 10. $61 - 56 = 5$ |
| $52 - 18 = 34$ | $56 + 5 = 61$ |
| 4. $98 + 9 = 107$ | 11. $37 + 44 = 81$ |
| $107 - 98 = 9$ | $81 - 44 = 37$ |
| 5. $24 + 67 = 91$ | 12. $82 - 19 = 63$ |
| $91 - 67 = 24$ | $63 + 19 = 82$ |
| 6. $84 - 26 = 58$ | 13. $84 + 18 = 102$ |
| $58 + 26 = 84$ | $102 - 18 = 84$ |
| 7. $75 + 19 = 94$ | 14. $64 + 36 = 100$ |
| $94 - 19 = 75$ | $100 - 64 = 36$ |

Page 30

- | | |
|-------|--------|
| 1. 54 | 8. 31 |
| 2. 48 | 9. 66 |
| 3. 74 | 10. 21 |
| 4. 81 | 11. 17 |
| 5. 16 | 12. 33 |
| 6. 75 | 13. 81 |
| 7. 89 | 14. 67 |

Page 31

- | | |
|--------|--------|
| 1. 825 | 5. 937 |
| 2. 835 | 6. 929 |
| 3. 916 | 7. 875 |
| 4. 939 | 8. 788 |

Page 32

- | | |
|--------|---------|
| 1. 181 | 7. 7 |
| 2. 43 | 8. 802 |
| 3. 369 | 9. 308 |
| 4. 284 | 10. 608 |
| 5. 195 | 11. 190 |
| 6. 591 | 12. 309 |

Page 33

- | | |
|--------|---------|
| 1. 100 | 9. 45 |
| 2. 30 | 10. 80 |
| 3. 100 | 11. 25 |
| 4. 50 | 12. 85 |
| 5. 65 | 13. 100 |
| 6. 100 | 14. 95 |
| 7. 10 | 15. 90 |
| 8. 100 | 16. 100 |

Page 34

- | | | | |
|-------|-------|--------|--------|
| 1. 77 | 5. 83 | 9. 43 | 13. 69 |
| 2. 36 | 6. 64 | 10. 38 | 14. 58 |
| 3. 28 | 7. 75 | 11. 24 | 15. 45 |
| 4. 19 | 8. 52 | 12. 16 | 16. 71 |

Page 35

- | | |
|------------------------------|-------------------------------|
| 1. $50 \leftrightarrow 950$ | 6. $300 \leftrightarrow 700$ |
| 2. $100 \leftrightarrow 900$ | 7. $350 \leftrightarrow 650$ |
| 3. $150 \leftrightarrow 850$ | 8. $400 \leftrightarrow 600$ |
| 4. $200 \leftrightarrow 800$ | 9. $450 \leftrightarrow 550$ |
| 5. $250 \leftrightarrow 750$ | 10. $500 \leftrightarrow 500$ |

Page 36

- $10 + 10 \rightarrow 10 \times 2 \rightarrow 2 \times 10$
- $2 + 2 + 2 + 2 + 2 + 2 \rightarrow 2 \times 6 \rightarrow 6 \times 2$
- $8 + 8 + 8 \rightarrow 8 \times 3 \rightarrow 3 \times 8$
- $4 + 4 + 4 + 4 + 4 \rightarrow 4 \times 5 \rightarrow 5 \times 4$
- $3 + 3 + 3 + 3 + 3 \rightarrow 3 \times 5 \rightarrow 5 \times 3$
- $8 + 8 \rightarrow 8 \times 2 \rightarrow 2 \times 8$
- $4 + 4 + 4 + 4 + 4 + 4 \rightarrow 4 \times 6 \rightarrow 6 \times 4$
- $6 + 6 + 6 \rightarrow 6 \times 3 \rightarrow 3 \times 6$
- $10 + 10 + 10 + 10 + 10 \rightarrow 10 \times 5 \rightarrow 5 \times 10$
- $5 + 5 + 5 + 5 + 5 + 5 \rightarrow 5 \times 6 \rightarrow 6 \times 5$

Page 37

- $12 \div 6 = 2$
- $18 \div 6 = 3$
- $20 \div 5 = 4$
- $30 \div 5 = 6$
- $4 \div 2 = 2$
- $15 \div 3 = 5$

Page 38

- $15 \div 3 = 5$
- $42 \div 6 = 7$
- $12 \div 2 = 6$
- $32 \div 4 = 8$
- $24 \div 6 = 4$
- $30 \div 5 = 6$
- $70 \div 10 = 7$
- $24 \div 4 = 6$
- $56 \div 8 = 7$
- $64 \div 8 = 8$

Page 39

- $8 \times 2 = 16$
- $16 \div 2 = 8$
- $9 \times 2 = 18$
- $18 \div 2 = 9$
- $3 \times 10 = 30$
- $30 \div 10 = 3$
- $6 \times 3 = 18$
- $18 \div 3 = 6$
- $6 \times 2 = 12$
- $12 \div 2 = 6$
- $3 \times 3 = 9$
- $9 \div 3 = 3$
- $3 \times 5 = 15$
- $15 \div 5 = 3$
- $4 \times 3 = 12$
- $12 \div 3 = 4$
- $4 \times 4 = 16$
- $16 \div 4 = 4$
- $8 \times 7 = 56$
- $56 \div 8 = 7$
- $5 \times 4 = 20$
- $20 \div 4 = 5$
- $6 \times 4 = 24$
- $24 \div 4 = 6$

Page 40

- 90
- 250
- 1,000
- 140
- 900
- 1,400
- 100
- 240
- 80
- 1,000
- 1,200
- 1,800
- 240
- 2,000
- 360
- 420
- 3,200
- 3,600
- 3,600
- 180

Page 41

Exercise 1

- 188
- 424
- 886
- 214
- 772
- 256
- 490
- 620

Exercise 2

- 322
- 876
- 678
- 196
- 448
- 236
- 716
- 818

Page 42

Exercise 1

1. 37
2. 43
3. 49
4. 32
5. 35
6. 28
7. 46
8. 24

Exercise 2

1. 64
2. 128
3. 171
4. 231
5. 319
6. 425
7. 252
8. 326

Page 44

Exercise 1

1. 80
2. 30
3. 70
4. 10
5. 20
6. 80
7. 80
8. 30

Exercise 2

1. 586 → 600
2. 794 → 800
3. 534 → 500
4. 251 → 300
5. 162 → 200
6. 370 → 400
7. 714 → 700
8. 867 → 900

Page 45

1. $130 + 90 = 220$
2. $380 - 130 = 250$
3. $40 \times 10 = 400$
4. $100 \div 10 = 10$
5. $490 - 190 = 300$
6. $70 \times 10 = 700$
7. $350 + 890 = 1,240$
8. $90 \times 10 = 900$
9. $90 \div 10 = 9$
10. $650 - 280 = 370$
11. $490 + 330 = 820$
12. $100 \div 10 = 10$

Page 46

Exercise 1

1. 245 cents
2. 478 cents
3. 836 cents
4. 114 cents
5. 688 cents
6. 592 cents
7. 900 cents
8. 304 cents
9. 450 cents
10. 774 cents

Exercise 2

1. €9.99
2. €6.14
3. €8.04
4. €5.10
5. €1.76
6. €3.01
7. €2.82
8. €4.90
9. €7.18
10. €0.46

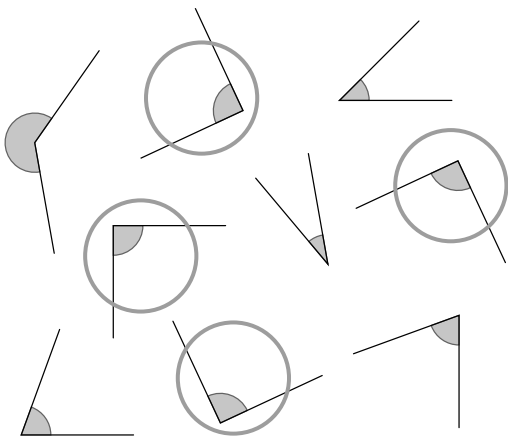
Page 47

- $12 \div 6 = 2$
- $18 \div 6 = 3$
- $20 \div 5 = 4$
- €202
- €492

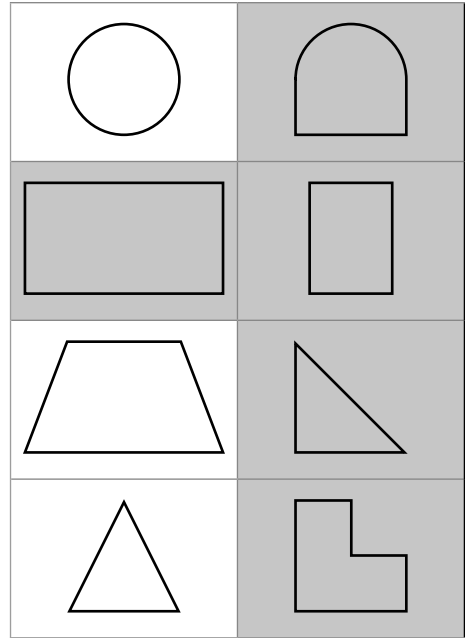
Page 48

- €11.15
- €23.82
- €7.53
- €30.48
- €12.50
- Rice salad, Hotdog, and a Hamburger

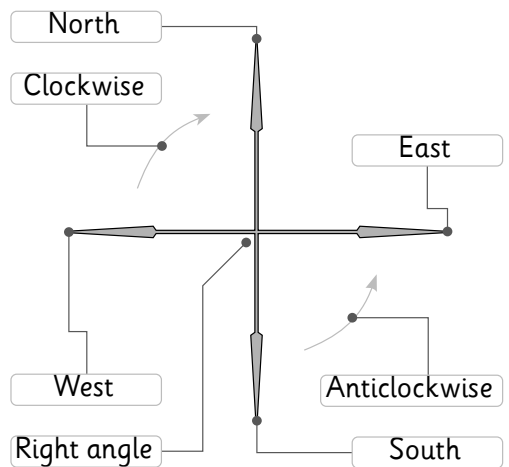
Page 49



Page 50



Page 51



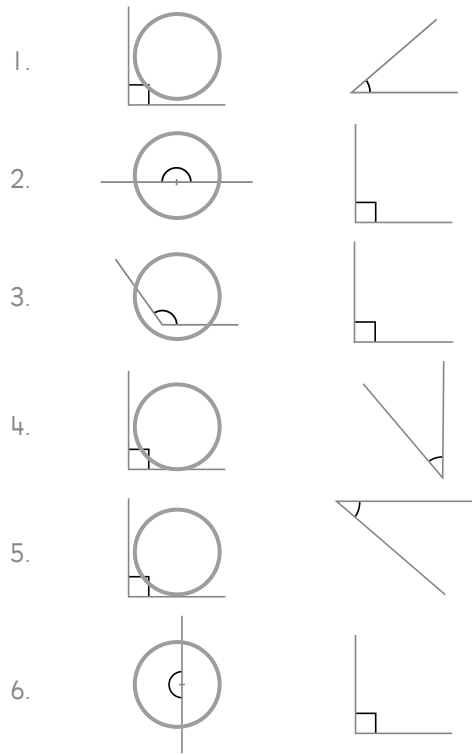
Page 52

1. East
2. South
3. South
4. West
5. West
6. West

Page 53

1. Right angle / 90° / 1/4 of a whole turn
2. Right angle / 90° / 1/4 of a whole turn
3. A whole turn
4. $\frac{1}{2}$ of a whole turn / 180°
5. $\frac{1}{2}$ of a whole turn / 180°
6. Right angle / 90° / 1/4 of a whole turn

Page 55



Page 56

1. millimetres (mm) / centimetres (cm) / kilometres (km)
2. grams (g) / kilograms (kg)
3. millimetres (mm) / centimetres (cm) / kilometres (km)
4. millilitres (ml) / litres (l)
5. millilitres (ml) / litres (l)
6. grams (g) / kilograms (kg)
7. millimetres (mm) / centimetres (cm) / kilometres (km)
8. millimetres (mm) / centimetres (cm) / kilometres (km)

Page 57

Exercise 1

1. 6,100m
2. 1,850m
3. 9,050m
4. 7,008m
5. 3,800m
6. 4,100m
7. 2,500m
8. 8,500m

Exercise 2

1. 6km 320m
2. 1 km 040m
3. 4km 421m
4. 7km 201m
5. 9.4km
6. 8.4km
7. 2.2km
8. 3.5km

Page 58

- | | |
|------------|-----------|
| 1. 370cm | 9. 8.2m |
| 2. 684cm | 10. 1.7m |
| 3. 914cm | 11. 325cm |
| 4. 8m 60cm | 12. 650cm |
| 5. 7m 10cm | 13. 5mm |
| 6. 4m 70cm | 14. 73mm |
| 7. 7m 40cm | 15. 38mm |
| 8. 5.4m | 16. 6.4cm |

Page 59

Exercise 1

1. 500g
2. 1,460g
3. 8,014g
4. 2,250g
5. 3,600g
6. 4,700g
7. 8,500g
8. 1,100g

Exercise 2

1. 3kg 418g
2. 8kg 010g
3. 7kg 405g
4. 2kg 550g
5. 6.8kg
6. 3.1kg
7. 7.7kg
8. 2.8kg

Page 60

1. 1l 600ml = 1.6l
2. $\frac{1}{2}$ l = 500ml
3. 2,250ml = $2\frac{1}{4}$ l
4. 1,750ml = $1\frac{3}{4}$ l
5. 4,100ml = 4.1l
6. $1\frac{1}{2}$ l = 1,500ml

Page 61

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

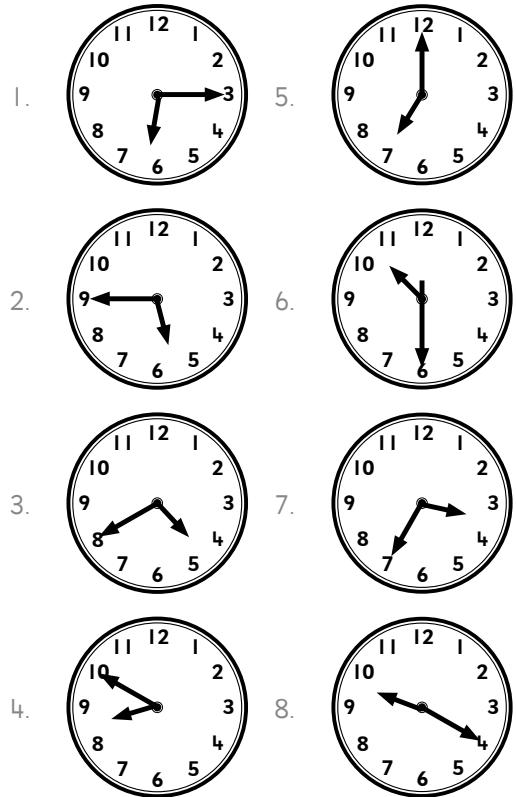
Page 63

1. 8 o'clock
2. 10 o'clock
3. half past 1
4. half past 5
5. half past 2
6. half past 3
7. 6 o'clock
8. 11 o'clock

Page 64

1. 5:10 or ten past five
2. 10:20 or ten twenty
3. 8:05 or five past eight
4. 1:15 or quarter past one
5. 4:35 or four thirty-five
6. 6:45 or quarter to seven
7. 6:55 or six fifty-five
8. 11:40 or eleven forty

Page 54



Page 66

1. 9 o'clock / 9:00
2. 11 o'clock / 11:00
3. Quarter to two / 1:45
4. Half past ten / 10:30

Page 67

Exercise 1

1. 75 mins
2. 300 mins
3. 205 mins
4. 230 mins
5. 150 mins
6. 95 mins

Exercise 2

1. 1 hrs 05 mins
2. 2hrs 20 mins
3. 2hrs 30 mins
4. 3hrs 0 mins
5. 1 hrs 15 mins
6. 2hrs 15 mins

Page 68

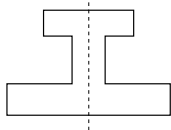
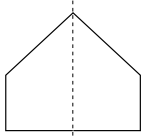
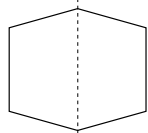
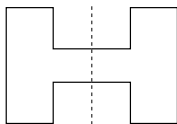
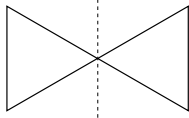
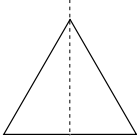
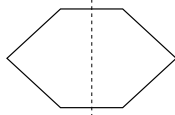
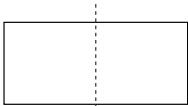
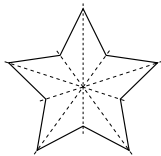
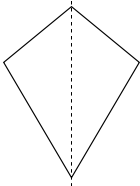
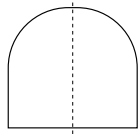
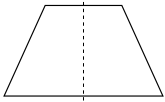
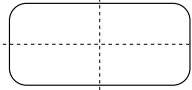
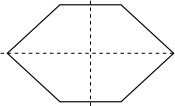
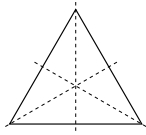
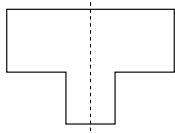
1. 60 seconds
2. 60 minutes
3. 24 hours
4. February
5. 365 days
6. 7 days
7. 12 months
8. 366 days

Page 70

1. Cube
2. Rectangle
3. Triangle
4. Square
5. Cuboid

Page 71

8					dog
7	tiger		bird		
6					mouse
5		cow			
4			horse		
3	elephant				
2				sheep	
1					
	a	b	c	d	e



Toy	Tally	Total
Ball	III II	7
Doll	III III I	11
Car	III III	8
Robot	III III	10
Plane	III III	8

Flag		Frequency
Flag 1		8
Flag 2		6
Flag 3		11
Flag 4		5
Flag 5		2

Page 76

1. Liverpool
2. Juventus
3. 8 children
4. 2 children
5. Chelsea
6. 18 supporters

Page 77

1. Sean
2. Doris
3. 18 votes
4. 4 votes
5. 34 votes

Page 79

1. 18cm
2. 10cm
3. 26cm
4. 36cm
5. 16cm
6. 30cm
7. 36cm
8. 28cm

Page 80

1. 15cm²
2. 18cm²
3. 32cm²
4. 30cm²
5. 8cm²
6. 18cm²
7. 35cm²
8. 40cm²

Page 78

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

	Even Numbers	Odd numbers
Multiples of 5	10, 20, 30, 40	15, 25, 35
Not Multiples of 5	12, 14, 16, 18, 22, 24, 26, 28, 32, 34, 36, 38	11, 13, 17, 19, 21, 23, 27, 29, 31, 33, 37, 39