Page 4

1. 500
2. 700
3. 200
4. 900
5. 500
6. 700
7. Answers within a range of ± 10 are acceptable
a) 160, 200 b) 240, 200
c) 310, 300 d) 595, 600
e) 730, 700 f) 905, 900
8. Answers within a range of ± 10 are acceptable
a) 1185, 1200 b) 1295, 1300
c) 1315, 1300 d) 1495, 1500
e) 1780, 1800 f) 1835, 1800

Think. a) A number between 1150 and 1199. b) A number between 1201 and 1249.

Page 5

1. a) 1400, b) 2100,
c) 3650, d) 5889,
e) 9701, f) 6200, g) 2700
2. Answers within a range of 20 are acceptable.
a) 5350, b) 5590,
c) 5700, d) 5840, e) 5980
3. 4550, 4600, 5000
4. 7810, 7800, 8000
5. 1750, 1800, 2000
6. 9240, 9200, 9000
7. 5500, 5500, 5000
8. 6920, 6900, 7000
9. 4540, 4500, 5000
10. 3180, 3200, 3000
11. 2420, 2400, 2000
12. 4490, 4500, 4000
13. 1355

Think. A number from 1195 to 1204.

Page 6

1. 1344 m
2. 1085 m
3. 4807 m
4. 1998
5. 1599
6. 1588
7. 1875
8. 6569

Think. A problem for 4726 – 2010.

Page 7

1. 1008, 1033, 1058, 1083, 1108, 1133, 1158, 1183, 1208, 1233, 1258
2. 1008, 1058, 1108, 1158, 1208, 1258, 1308, 1358, 1408, 1458, 1508
3. 1008, 1108, 1208, 1308, 1408, 1508, 1608, 1708, 1808, 1908, 2008
4. 1008, 1108, 1208,
5. 1408, 1508, 1608, 1708, 1808…

Think. 8, 3, 8, 3, 8, 3…

6. 4446, 4421, 4396, 4371, 4346, 4321, 4296, 4271, 4246, 4221, 4196
7. 4446, 4396, 4346, 4296, 4246, 4196, 4146, 4096, 4046, 3996, 3946
8. 4446, 4346, 4246, 4146, 4046, 3946, 3846, 3746, 3646, 3546, 3446
9. 4446, 4346, 4246,
10. 4146, 4046, 3946

Think. 6, 1, 6, 1, 6, 1, 6…

Page 8

1. 5673 + 20 = 5693
2. 9663 + 300 = 9963
3. 3456 + 40 = 3496
4. 5138 + 600 = 5738
5. 6835 + 50 = 6885
6. 8392 + 500 = 8892
7. 5251 + 50 = 5301
8. 3562 + 600 = 4162
9. 7894 + 30 = 7924
10. 1353 + 800 = 2153
11. 6875 + 50 = 6925
12. 8254 + 900 = 9154
13. 2442 + 80 = 2522
14. 2847 + 800 = 3647
15. 4860 + 120 = 4980
16. 7574 + 320 = 7894
17. 2385 + 510 = 2895
18. 5273 + 710 = 5983
19. 2578 + 420 = 2998
20. 7858 + 140 = 7998
21. 6684 + 130 = 6814
22. 2329 + 560 = 2889

Think. Questions 1-6, 15-20 and 22 are all 'no work' place-value additions. All others on the page require you to cross a hundred, a ten or both and so are harder.

Page 9

1. 5788 + 60 = 5848
2. 4673 + 500 = 5173
3. 1265 + 70 = 1335
4. 5918 + 500 = 6418
5. 9254 + 50 = 9304
6. 3268 + 700 = 3968
7. 2393 + 800 = 3193
8. 6735 + 90 = 6825
9. 2586 + 600 = 3186
10. 9024 + 80 = 9104
11. 3962 + 400 = 4362
12. 4667 + 80 = 4747
13. 4860 + 320 = 5180
14. 7574 + 250 = 7824
15. 2395 + 520 = 2915
16. 5673 + 710 = 6383
17. 2578 + 650 = 3228
18. 7858 + 360 = 8218
19. 6674 + 640 = 7314
20. 2639 + 580 = 3219

Think. Answers will vary.

Page 10

1. 5918 + 530 = 6448
2. 8654 + 670 = 9324
3. 4673 + 580 = 5253
4. 6547 + 280 = 6827
5. 1265 + 870 = 2135
6. 3268 + 750 = 4018
7. 1265 + 940 = 2205
8. 5788 + 630 = 6418
9. 7435 + 780 = 8215
10. 5665 + 540 = 6205
11. 2334 + 890 = 3224
12. 3962 + 480 = 4442
13. 6735 + 390 = 7125
14. 6846 + 470 = 7316
15. 2586 + 640 = 3226
16. 4667 + 820 = 5487
17. 3454 + 650 = 4104
18. 2393 + 810 = 3203
19. 5565 + 840 = 6405
20. 9724 + 870 = 10 594
21. 2079
22. £3945
23. 5207

Think. 22 times

Page 11

1. 3456 – 40 = 3416
2. 5198 – 60 = 5138
3. 5251 – 50 = 5201
4. 6835 – 20 = 6815
5. 8663 – 30 = 8633
6. 8382 – 60 = 8322
7. 5643 – 50 = 5593
8. 4820 – 50 = 4770
9. 7574 – 300 = 7274
10. 2685 – 500 = 2185
11. 1353 – 300 = 1053
12. 6875 – 500 = 6375
13. 2847 – 800 = 2047
14. 8554 – 300 = 8254
15. 7294 – 400 = 6894
16. 2142 – 800 = 1342
17. 2654 – 320 = 2334
18. 2578 – 410 = 2168
19. 8858 – 640 = 8218
20. 6794 – 760 = 6034
21. 1952
22. 1882
23. 1832

Think. 13 – if he lands on 14 it will be Game Over.

Page 12

1. 5251 – 500 = 4751
2. 6382 – 60 = 6322
3. 3420 – 700 = 2720
4. 7574 – 800 = 6774
5. 5643 – 50 = 5593
6. 3456 – 90 = 3366
7. 5198 – 600 = 4598
8. 8663 – 90 = 8573
9. 2585 – 500 = 2085
10. 6835 – 40 = 6795
11. 1747 – 800 = 947
12. 2142 – 70 = 2072
13. 2578 – 340 = 2238
14. 8858 – 450 = 8408
15. 2654 – 440 = 2214
16. 6353 – 340 = 6013
17. 3875 – 520 = 3355
18. 7694 – 470 = 7224
19. 6934 – 760 = 6174
20. 5827 – 490 = 5337
21. 1902
22. 1812
23. 1782

Think. 2, 20

Page 13

Questions should be answered using column subtraction.

1. 317
2. 438
3. 384
4. 146
5. 117
6. 85
7. 356
8. 608
9. 129
10. 484
11. 191
12. 590
13. 208

Think. Answers will vary.

Page 14

Questions should be answered using column subtraction.

1. 425
2. 304
3. 663
4. 382
5. 335
6. 118
7. 209
8. 614
9. 181
10. 404
11. 358
12. 580
13. 434
14. 381
15. 514
16. 509

Think. Answers will vary.

Page 15

Questions should be answered using column subtraction.

1. 94
2. 174
3. 527
4. 107

Think. Answers will vary.

5. 593
6. 641
7. 806
8. 919
9. 807
10. 872

Think. Answers will vary.

11. 263
12. 292 cm

Page 16

Questions should be answered using column subtraction.

1. 314
2. 225
3. 441
4. 195

Think. Answers will vary.

5. 724
6. 636
7. 803
8. 891
9. 656
10. 618
11. 572
12. 719

Think. Answers will vary.

13. 554
14. 340

Think. 222

Page 17

Questions should be answered using column subtraction.

1. 89
2. 274
3. 257
4. 176
5. 249
6. 438
7. 549
8. 294
9. 726
10. 451
11. 803
12. 866
13. 649
14. 455
15. 568
16. 877
17. 256 m
18. £561

Think. There are 10 solutions.
545 – 439 = 106, 545 – 429 = 116,
545 – 419 = 126, 545 – 409 = 136,
545 – 399 = 146, 545 – 389 = 156,
545 – 379 = 166, 545 – 369 = 176,
545 – 359 = 186, 545 – 349 = 196

Answers: Year 4 Textbook 2 Pages 18–25

Page 18

Questions should be answered using ladder multiplication.

1. 2172
2. 2285
3. 2732
4. 1374
5. 4716
6. 3908
7. 2601
8. 2094
9. 6048
10. 2214
11. 7016
12. 2334

Think. Answers will vary.

Page 19

Questions should be answered using ladder multiplication.

1. 2022
2. 3116
3. 7896
4. 6208
5. 2007
6. 5334
7. 7104
8. 5016
9. 3032
10. 1434 mm
11. 2312
12. 1280
13. 1835 km
14. 3648
15. 936p or £9·36

Think. As you increase the multiplier by one, the 1000s digit increases by one and the 1s digit decreases by one.

Page 20

Questions should be answered using grid multiplication.

1. £16·92
2. £21·56
3. £31·44
4. £39·54
5. £50·16
6. £22·08
7. £29·28
8. £38·96
9. £20·72

Think. 3 × £3·64 = £10·92

Page 21

1 puzzle + 3 board games = £26·14
2 puzzles + 2 board games = £23·28
3 puzzles + 2 board games = £27·67
4 puzzles + 1 board game = £24·81
5 puzzles + 1 board game = £29·20

Think. 5 puzzles + 1 board game would give 80p change

Page 22

1. 46 × 2 = 92 → 92 × 2 = 184 → 46 × 4 = 184
2. 72 × 2 = 144 → 144 × 2 = 288 → 72 × 4 = 288
3. 26 × 2 = 52 → 52 × 10 = 520 → 52 × 20 = 520
4. 84 × 2 = 168 → 168 × 10 = 1680 → 84 × 20 = 1680
5. 78 × 2 = 156 → 156 × 10 = 1560 → 78 × 20 = 1560
6. 44 × 10 = 440 → 440 ÷ 2 = 220 → 44 × 5 = 220
7. 68 × 10 = 680 → 680 ÷ 2 = 340 → 68 × 5 = 340
8. 74 × 10 = 740 → 740 ÷ 2 = 370 → 74 × 5 = 370

Think. Divide 48 by 2 (halve), which gives 24. Divide this by 2 (halve), which gives 12. 12 went into the machine.

Page 23

1. 46 × 4 = 184
2. 57 × 4 = 228
3. 312 × 4 = 1248
4. 424 × 4 = 1696
5. 326 × 4 = 1304
6. 64 ÷ 4 = 16
7. 124 ÷ 4 = 31
8. 316 ÷ 4 = 79
9. 636 ÷ 4 = 159
10. 812 ÷ 4 = 203
11. 46 × 5 = 230
12. 57× 5 = 285
13. 312 × 5 = 1560
14. 861 × 5 = 4305
15. 354 × 5 = 1770
16. 46 × 20 = 920
17. 57 × 20 = 1140
18. 312 × 20 = 6240
19. 474 × 20 = 9480
20. 745 × 20 = 14 900

Think. A function machine showing one of: ÷ 10 ÷ 2;÷ 2 ÷ 10; ÷ 4 ÷ 5; ÷ 5 ÷ 4

Page 24

1. 35 × 4 = 140
2. 68 × 4 = 272
3. 128 ÷ 4 = 32
4. 436 ÷ 4 = 109
5. 76 × 4 = 304
6. 4 × 158 = 632
7. 308 ÷ 4 = 77
8. 112 ÷ 4 = 28
9. 135 × 4 = 540
10. 688 × 4 = 172
11. 292
12. 162
13. £91
14. 492
15. 58 minutes
16. 580 g

Think. A problem for 66 × 4.

Page 25

1. $\frac{1}{4}$ of 16 = 4 $\frac{3}{4}$ of 16 = 12
2. $\frac{1}{3}$ of 15 = 5 $\frac{2}{3}$ of 15 = 10
3. $\frac{1}{6}$ of 66 = 11 $\frac{5}{6}$ of 66 = 55
4. $\frac{1}{8}$ of 160 = 20 $\frac{3}{8}$ of 160 = 60
5. $\frac{1}{9}$ of 45 = 5 $\frac{8}{9}$ of 45 = 40
6. $\frac{1}{7}$ of 42 = 6 $\frac{3}{7}$ of 42 = 18
7. $\frac{1}{9}$ of 27 = 3 $\frac{4}{9}$ of 27 = 12
8. $\frac{1}{100}$ of 500 = 5 $\frac{3}{100}$ of 500 = 15
9. $\frac{1}{10}$ of 300 = 30 $\frac{3}{10}$ of 300 = 90
10. $\frac{3}{4}$ of 12 = 9
11. $\frac{4}{5}$ of 30 = 24
12. $\frac{7}{10}$ of 40 = 28
13. $\frac{2}{5}$ of 55 = 22

Think.

	12	24	36	48	60	72
$\frac{1}{3}$	4	8	12	16	20	24
$\frac{2}{3}$	8	16	24	32	40	48

Thirds give 4 times-table.
Two-thirds give 8 times-table.
Second row is 2 times the first row.

Page 26

1. $\frac{1}{3}$ of 60 = 20 $\frac{2}{3}$ of 60 = 40
2. $\frac{1}{5}$ of 60 = 12 $\frac{4}{5}$ of 60 = 48
3. $\frac{1}{7}$ of 140 = 20 $\frac{3}{7}$ of 140 = 60
4. $\frac{1}{6}$ of 120 = 20 $\frac{5}{6}$ of 120 = 100
5. $\frac{1}{10}$ of 500 = 50 $\frac{7}{10}$ of 500 = 350
6. $\frac{1}{100}$ of 600 = 6 $\frac{3}{100}$ of 600 = 18
7. $\frac{1}{4}$ of 160 = 40 $\frac{3}{4}$ of 160 = 120
8. $\frac{1}{4}$ of 800 = 200 $\frac{3}{4}$ of 800 = 600
9. $\frac{1}{10}$ of 70 = 7 $\frac{9}{10}$ of 70 = 63
10. $\frac{1}{7}$ of 49 = 7 $\frac{4}{7}$ of 49 = 28
11. $\frac{2}{9}$
12. $\frac{7}{9}$
13. 140
14. $\frac{1}{18}$

Think. 259, $\frac{6}{7}$ of 259 = 222

Page 27

1. $\frac{1}{4}$ of 200 = 50 $\frac{3}{4}$ of 200 = 150
2. $\frac{1}{5}$ of 500 = 100 $\frac{3}{5}$ of 500 = 300
3. $\frac{1}{6}$ of 240 = 40 $\frac{5}{6}$ of 240 = 200
4. $\frac{1}{5}$ of 150 = 30 $\frac{4}{5}$ of 150 = 120
5. $\frac{3}{8}$ of 88 = 33
6. $\frac{3}{7}$ of 140 = 60
7. $\frac{3}{10}$ of 200 = 60
8. $\frac{13}{100}$ of 400 = 52
9. $\frac{5}{8}$ of 160 = 100
10. $\frac{2}{3}$ of 180 = 120
11. $\frac{5}{7}$ of 77 = 55
12. $\frac{2}{5}$ of 400 = 160
13. 2
14. 11
15. 13
16. 5
17. 3
18. 26

Think. Answers will vary.

Page 28

1. Drawing of 6 × 4 chocolate bar with 3 squares shaded.
2. 4
3. Two drawings of 6 × 3 chocolate bar, one with 3 squares shaded and the other with 2 squares shaded.
4. 2
5. 3
6. Drawing of 4 × 5 chocolate bar with 2 squares shaded.
7. 5
8. 2

Think. Fractions equivalent to ½, e.g. $\frac{30}{60}$, $\frac{15}{30}$, $\frac{10}{20}$, $\frac{5}{10}$, etc.

Page 29

1. $\frac{1}{2}$, $\frac{2}{4}$, $\frac{3}{6}$, $\frac{4}{8}$, $\frac{5}{10}$, $\frac{6}{12}$
2. $\frac{1}{3}$, $\frac{2}{6}$, $\frac{3}{9}$, $\frac{4}{12}$, $\frac{5}{15}$, $\frac{6}{18}$
3. $\frac{2}{3}$, $\frac{4}{6}$, $\frac{6}{9}$, $\frac{8}{12}$, $\frac{10}{15}$, $\frac{12}{18}$
4. $\frac{1}{4}$, $\frac{2}{8}$, $\frac{3}{12}$, $\frac{4}{16}$, $\frac{5}{20}$, $\frac{6}{24}$
5. $\frac{3}{4}$, $\frac{6}{8}$, $\frac{9}{12}$, $\frac{12}{16}$, $\frac{15}{20}$, $\frac{18}{24}$
6. $\frac{1}{5}$, $\frac{2}{10}$, $\frac{3}{15}$, $\frac{4}{20}$, $\frac{5}{25}$, $\frac{6}{30}$
7. $\frac{4}{5}$, $\frac{8}{10}$, $\frac{12}{15}$, $\frac{16}{20}$, $\frac{20}{25}$, $\frac{24}{30}$
8. $\frac{1}{2}$
9. $\frac{1}{3}$
10. $\frac{1}{4}$
11. $\frac{2}{3}$
12. $\frac{3}{4}$
13. $\frac{3}{4}$
14. $\frac{1}{5}$
15. $\frac{2}{3}$
16. $\frac{1}{4}$
17. $\frac{1}{5}$
18. $\frac{2}{3}$
19. $\frac{2}{3}$

Think. $\frac{2}{36} = \frac{1}{18}$, $\frac{3}{36} = \frac{1}{12}$, $\frac{4}{36} = \frac{1}{9}$, $\frac{6}{36} = \frac{1}{6}$, $\frac{8}{36} = \frac{1}{4}$

Page 30

1. $\frac{3}{4}$
2. $\frac{2}{3}$
3. $\frac{5}{6}$
4. $\frac{1}{3}$
5. $\frac{3}{5}$
6. $\frac{5}{6}$
7. $\frac{1}{8}$
8. $\frac{1}{4}$
9. $\frac{3}{10}$
10. $\frac{5}{6}$
11. $\frac{3}{4}$
12. $\frac{2}{5}$
13. $\frac{3}{4}$
14. $\frac{5}{8}$
15. $\frac{9}{24}$, $\frac{12}{32}$, $\frac{30}{80}$, $\frac{33}{88}$, $\frac{60}{160}$
16. Explanations will vary but they should include recognising that the denominator will be divisible by 8.

Think. Using pairs of numbers 1-10, four fractions which can be simplified and four which cannot.

Page 31

	Acute	Right angle	Obtuse
1	2	1	0
2	2	0	1
3	2	1	1
4	2	1	1
5	3	0	0
6	2	1	0
7	1	2	1
8	2	0	2
9	3	0	0
10	1	2	1
11	2	0	2
12	0	4	0
13	2	1	0
14	0	4	0
15	0	4	0
16	0	4	0
17	2	0	1
18	2	0	2
19	1	1	2
20	2	1	0

Think. Answers will vary.

Page 32

1. a) acute, b) obtuse, c) right, d) obtuse, e) acute, f) acute, g) obtuse, h) obtuse, i) right, j) right, k) acute, l) obtuse
2. acute
3. acute
4. obtuse
5. obtuse
6. obtuse
7. acute
8. right
9. acute
10. obtuse
11. obtuse
12. acute
13. obtuse

Think. Answers such as A, M, N, W, Z

Page 33

1. yes, 1; yes
2. yes, 2; no
3. no; yes
4. yes, 3; yes
5. yes, 2; yes
6. no; yes
7. yes, 1; yes
8. yes, 2; yes
9. no; yes
10. yes, 3; yes
11. yes, 1; yes
12. yes, 3; yes

Think. Perpendicular: any four of these: E, F, H, I, L, T. Parallel: any four of these: E, F, H, I, M, N, Z.

Page 34

1. d
2. l and n
3. p
4. b and d
5. i
6. a
7. l and n
8. e
9. q
10. g
11. b
12. o
13. true
14. true
15. true
16. true
17. false
18. false

Page 35

1. h
2. e
3. c
4. a
5. f
6. b
7. g
8. d

Think. Answers will vary.

Page 36

1. 2 (e and h)
2. b
3. 2 pairs
4. c, d, g
5. b, c, f, g
6. c
7. b, f, g
8. False (it has 1 acute and 1 obtuse angle).
9. False (it is an irregular hexagon).
10. True

Page 37

For questions 1-6 children should draw triangles, quadrilaterals, pentagons and hexagons with:

1. two acute angles
2. two obtuse angles
3. two right angles
4. two parallel sides
5. two pairs of perpendicular lines
6. two lines of symmetry.
7. impossible
8. possible
9. possible
10. impossible
11. impossible
12. possible

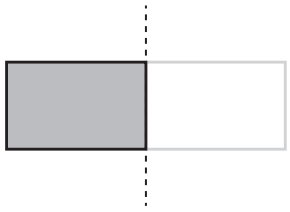
Page 38

1. d
2. a
3. b
4. b
5. a and c
6. b
7. a
8. b
9. b

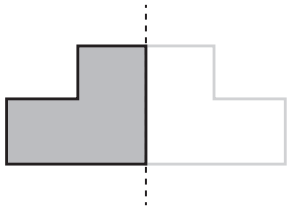
Think. Answers will vary but a symmetrical pattern should be created.

Page 39

1.



2.



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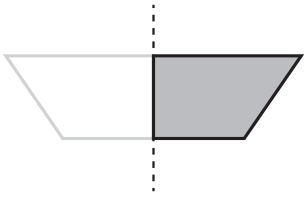

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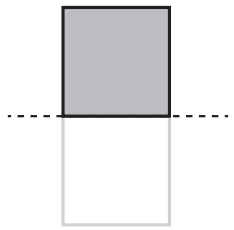

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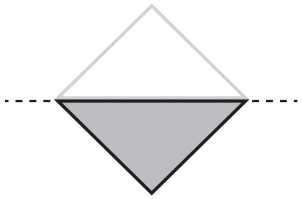
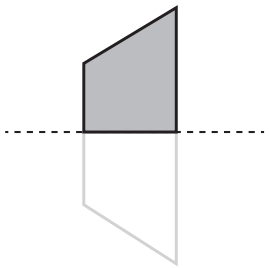
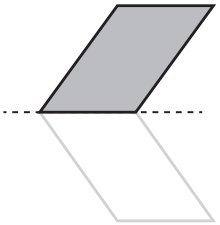


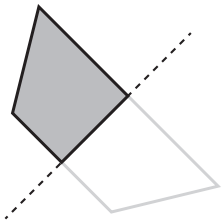
6.



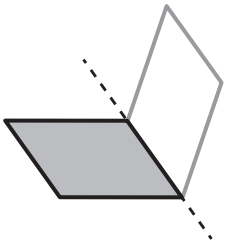
7.



8.



9.



10. A drawn quadrilateral with two lines of symmetry.
11. A drawn pentagon with one line of symmetry.
12. A drawn hexagon (not regular) with two lines of symmetry.
13. A drawn kite with one line of symmetry.
14. A drawn regular pentagon with 5 lines of symmetry shown.
15. A drawn polygon with four lines of symmetry.
16. A drawn polygon with no lines of symmetry.

Page 40

1. 95 ÷ 5 = 19
2. 57 ÷ 3 = 19
3. 72 ÷ 4 = 18
4. 108 ÷ 6 = 18
5. 120 ÷ 5 = 24
6. 132 ÷ 6 = 22
7. 48
8. 36
9. 24
10. 42
11. 28
12. 38
13. 19

Think. 60

Page 41

1. 56 ÷ 4 = 14
2. 72 ÷ 3 = 24
3. 102 ÷ 6 = 17
4. 115 ÷ 5 = 23
5. 112 ÷ 7 = 16
6. 126 ÷ 6 = 21
7. 136 ÷ 8 = 17
8. 117 ÷ 9 = 13
9. 138 ÷ 6 = 23
10. 133 ÷ 7 = 19
11. 14
12. 18
13. 24
14. 13
15. 39
16. 15

Think. A grouping division question for 152 ÷ 8.

Page 42

1. 65 ÷ 5 = 13
2. 72 ÷ 3 = 24
3. 92 ÷ 4 = 23
4. 75 ÷ 5 = 15
5. 42 ÷ 3 = 14
6. 96 ÷ 4 = 24
7. 84 ÷ 6 = 14
8. 59 ÷ 3 = 19 r 2
9. 83 ÷ 4 = 20 r 3
10. 67 ÷ 3 = 22 r 1

Think. If the number being divided is more than 10 times the divisor but less than 20 times you will write a 10. If the number is more than 20 times the divisor you will write 20.

Page 43

1. 72 ÷ 4 = 18
2. 89 ÷ 5 = 17 r 4
3. 88 ÷ 3 = 29 r 1
4. 89 ÷ 6 = 14 r 5
5. 77 ÷ 4 = 19 r 1
6. 94 ÷ 8 = 11 r 6
7. 99 ÷ 4 = 24 r 3
8. 126 ÷ 6 = 21
9. 70 ÷ 3 = 23 r 1
10. 112 ÷ 8 = 14
11. 138 ÷ 6 = 23
12. 178 ÷ 8 = 22 r 2
13. 145 ÷ 6 = 24 r 1
14. 184 ÷ 8 = 23
15. 117 ÷ 5 = 23 r 2
16. 153 ÷ 6 = 25 r 3

Think. Answers will vary.

Page 44

1. 142 ÷ 5 = 28 r 2
2. 157 ÷ 6 = 26 r 1
3. 109 ÷ 4 = 27 r 1
4. 161 ÷ 7 = 23
5. 87 ÷ 3 = 29
6. 210 ÷ 8 = 26 r 2
7. 243 ÷ 9 = 27
8. 117 ÷ 6 = 19 r 3
9. 150 ÷ 8 = 18 r 6
10. 168 ÷ 7 = 24
11. 253 ÷ 9 = 28 r 1
12. 166 ÷ 6 = 27 r 4
13. 178 ÷ 8 = 22 r 2
14. 175 ÷ 6 = 29 r 1
15. 245 ÷ 8 = 30 r 5
16. 262 ÷ 9 = 29 r 1
17. 167 ÷ 7 = 23 r 6
18. 242 ÷ 9 = 26 r 8

Think. Answers will vary.

Page 45

1. 1 and 12, 2 and 6, 2 and 4
2. 1 and 18, 2 and 9, 3 and 6
3. 1 and 20, 2 and 10, 4 and 5
4. 1 and 24, 2 and 12, 3 and 8, 4 and 6
5. 1 and 30, 2 and 15, 3 and 10, 5 and 6
6. 1 and 36, 2 and 18, 3 and 12, 4 and 9, 6 and 6
7. 50 × 4 = 200
8. 200 ÷ 5 = 40
9. 100 × 2 = 200
10. 200 ÷ 4 = 50
11. 40 × 7 = 280
12. 280 ÷ 7 = 40
13. 2 × 140 = 280
14. 280 ÷ 4 = 70

Think. Any multiple of 60.

Page 46

1. 1 and 20, 2 and 10, 4 and 5
2. 1 and 28, 2 and 14, 4 and 7
3. 1 and 42, 2 and 21, 3 and 14, 6 and 7
4. 1 and 33, 3 and 11
5. 1 and 45, 3 and 15, 5 and 9
6. 1 and 48, 2 and 24, 3 and 16, 4 and 12, 6 and 8
7. 1 and 54, 2 and 27, 3 and 18, 6 and 9
8. 30 × 8 = 240
9. 240 ÷ 6 = 40
10. 12 × 20 = 240
11. 240 ÷ 4 = 60
12. 30 × 12 = 360
13. 360 ÷ 6 = 60
14. 4 × 90 = 360
15. 390 ÷ 9 = 40

Think. 36 or 72.

Page 47

1. 1 and 16, 2 and 8, 4 and 4
2. 1 and 28, 2 and 14, 4 and 7
3. 1 and 39, 3 and 13
4. 1 and 56, 2 and 28, 4 and 14, 7 and 8
5. 1 and 54, 2 and 27, 3 and 18, 6 and 9
6. 1 and 60, 2 and 30, 3 and 20, 4 and 15, 5 and 12, 6 and 10
7. 1 and 66, 2 and 33, 3 and 22, 6 and 11
8. 1 and 72, 2 and 36, 3 and 24, 4 and 18, 6 and 12, 8 and 9
9. 120 × 3 = 360
10. 360 ÷ 3 = 120
11. 180 × 2 = 360
12. 360 ÷ 6 = 60
13. 80 × 4 = 320
14. 640 ÷ 4 = 160
15. 16 × 40 = 640
16. 640 ÷ 8 = 80
17. 40 × 7 = 280
18. 280 ÷ 7 = 40
19. 2 × 140 = 280
20. 280 ÷ 4 = 70

Think. A multiple of 36 larger than 50; 72, 108, …

Page 48

1. 1000 – 750 = 250
2. 1000 – 825 = 175
3. 1000 – 915 = 85
4. 1000 – 865 = 135
5. 1000 – 532 = 468
6. 1000 – 478 = 522
7. 1000 – 267 = 733
8. 1000 – 349 = 651
9. 3000 – 2575 = 425
10. 7000 – 6725 = 275
11. 4000 – 3672 = 328
12. 2000 – 1438 = 562

Think. 5 times.

Page 49

1. 1000 – 638 = 362
2. 1000 – 425 = 575
3. 1000 – 344 = 656
4. 1000 – 478 = 522
5. 1000 – 286 = 714
6. 3000 – 2463 = 537
7. 5000 – 4661 = 339
8. 2000 – 1322 = 678
9. 7000 – 6289 = 711
10. 6000 – 5267 = 733
11. 9000 – 8304 = 696
12. 8000 – 7075 = 925
13. 7000 – 5725 = 1275
14. 4000 – 2645 = 1355
15. 6000 – 3439 = 2561
16. 8000 – 5583 = 2417
17. 9000 – 5673 = 3327
18. 5000 – 1428 = 3572

Think. 12 times.

Page 50

1. £3·46
2. £4·13
3. £5·64
4. £2·57
5. £6·92
6. £2·76
7. £8·21
8. £11·28
9. £6·65
10. £16·11
11. £7·35. Possibly £5 note, £2 coin, 20p coin, 10p coin and 5p coin.

Think. Answers between £9·92 and £6·50, including possible answers such as £6·80, £6·90, £6·95, £6·98, etc.

Page 51

1. £6·13
2. £3·44
3. £6·45
4. £15·16
5. £8·83
6. £17·54
7. £44·52
8. £62·72
9. £6·49
10. £6·80
11. £5·77
12. £7·99

Think. Answers between £6·30 and £9·82 including £9·72, £9·67, £9·64, £9·63, etc.

Page 52

1. 0·4
2. 1·7
3. 4·9
4. 7·3
5. 5·9
6. 8·2
7. 3·6
8. Number line 0 – 1 showing 0·5

Think. Answers will vary.

Page 53

1. 3·8
2. 0·2
3. 5·3
4. 8·5
5. 7·7
6. Answers will vary.
7. 0·6, 0·7, 0·8, 0·9, 1·0, 1·1
8. 3·8, 3·9, 4·0, 4·1, 4·2, 4·3
9. 5·0, 5·1, 5·2, 5·3, 5·4, 5·5
10. 9·7, 9·8, 9·9, 10·0, 10·1, 10·2

Think. 2·1 and 2·5, 2·2 and 2·6, 2·3 and 2·7, 2·4 and 2·8, 2·5 and 2·9

Page 54

1. a) 6·2, b) 6·6, c) 6·9
2. d) 11·3, e) 11·7, f) 11·8
3. Number line from 8 to 9 showing 8·1, 8·5 and 8·7.
4. Number line from 7 to 8 showing 7·2, 7·5 and 7·9.
5. 0·2
6. 0·6
7. 0·8

Think. There are 9 numbers in each case.

The two middle numbers between 1·2 and 2·1 are 1·6 and 1·7, 2·3 and 3·2 are 2·7 and 2·8, then 3·8 and 3·9.

Page 55

1. 5·2 > 4·9
2. 3·8 < 8·3
3. 7·6 > 6·8
4. 3·1 > 2·7
5. 9·5 < 11·2
6. 6·5 > 5·6
7. 2·7 > 2·1
8. 8·4 < 8·8
9. 2
10. 3
11. 8
12. 8
13. 9
14. 4
15. 6
16. 5
17. 7·7, 0·7, 8·7

Think. Answers will vary.

Page 56

1. 3·2 < 4·2
2. 0·8 < 8·0
3. 10·2 > 9·8
4. 7·8 < 8·7
5. 1·8 < 11·2
6. 12·5 < 15·2
7. 0·9 < 1·1
8. 6·4 > 4·6
9. 8
10. 7
11. 15
12. 11
13. 14
14. 14
15. 10
16. 18
17. Anna
18. 7·6, 7·7, 7·8, 7·9, 8·0, 8·1, or 8·2
19. 5·5, 6·9, 7·3, 7·6, 8·0, 8·7

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

Page 57

1. 83 ÷ 10 = 8·3
2. 48 ÷ 10 = 4·8
3. 77 ÷ 10 = 7·7
4. 61 ÷ 10 = 6·1
5. 29 ÷ 10 = 2·9
6. 52 ÷ 10 = 5·2
7. 4·7 × 10 = 47
8. 9·1 × 10 = 91
9. 3·6 × 10 = 36
10. 7·8 × 10 = 78
11. 5·4 × 10 = 54
12. 8·9 × 10 = 89
13. 630 ÷ 100 = 6·3
14. 780 ÷ 100 = 7·8
15. 310 ÷ 100 = 3·1
16. 290 ÷ 100 = 2·9
17. 650 ÷ 100 = 6·5
18. 870 ÷ 100 = 8·7
19. 3·7 × 100 = 370
20. 9·1 × 100 = 910
21. 7·6 × 100 = 760
22. 4·8 × 100 = 480
23. 6·4 × 100 = 640
24. 8·2 × 100 = 820

Think. Any multiple of 10.

Page 58

1–4. Seven 2-digit numbers, each divided by 10. e.g. 35 and 3·**5.**

5. No, if the number was a multiple of 10 the answer can be written as a whole number.
6. If the number is not a multiple of 10 you will get a decimal answer and if it is you will get a whole number.
7. 30, 3

8–11. Seven 3-digit multiples of 10, each divided by 100. e.g. 350 and 3·5.

12. No, if the number was a multiple of 100 the answer can be written as a whole number.
13. 400, 4

Think. If the number is not a multiple of 100 you will get a decimal answer and if it is you will get a whole number.

Page 59

Questions should be answered using column addition.

Think. You will have to move a 10 across in 2, 4 and 7. You will have to move a 100 across in 3, 4, 5 and 6. You will have to move a 1000 across in 8.

1. 6782
2. 9736
3. 6547
4. 6049
5. 9140
6. 9067
7. 7921
8. 12 691

Page 60

Questions should be answered using column addition.

1. 13 573
2. 13 972
3. 13 364
4. 16 354
5. 12 205
6. 12 137
7. 10 421
8. 15 125
9. 13 151
10. 10 968
11. 12 002 m

Think. Possible answer:
1236 + 9542 = 10 778

Page 61

1. 11 268
2. 11 554
3. 11 911
4. 11 735
5. Kacey, by 44
6. 3847

Think. Answers will vary.

Page 62

1. £21 + £44 = £65
2. £35 + £35 + £20 = £90
3. £22 + £11 + £44 = £77
4. £25 + £25 + £16 = £66
5. £26 + £32 + £24 = £82
6. £99 + £32 = £131
7. £66 + £33 + £5 = £104
8. £25 + £75 + £69 = £169
9. £33 + £18 + £47 = £98
10. £345 + £102 = £447
11. £465 + £199 = £664
12. £548 + £221 = £769
13. £37 + £17 + £48 = £102
14. £56 + £27 + £75 = £158
15. £76 + £68 + £78 = £222
16. £55 + £87 + £79 = £221
17. £66 + £78 + £47 = £191
18. £527 + £147 = £674
19. £378 + £576 = £954
20. £678 + £537 = £1215

Think. An addition of three 2-digit numbers where the total of the 1s digits is 10.

Page 63

1. £27 + £73 + £42 = £142
2. £67 + £44 + £58 = £169
3. £35 + £60 + £45 = £140
4. £42 + £81 + £57 = £180
5. £78 + £73 + £65 = £216
6. £45 + £87 + £45 = £177
7. £24 + £28 + £98 = £150
8. £44 + £87 + £77 = £208
9. £66 + £84 + £33 = £183
10. £83 + £76 + £69 = £228
11. £247 + £802 = £1049
12. £567 + £274 = £841
13. £634 + £798 = £1432
14. £755 + £688 = £1443
15. £467 + £521 = £988
16. £648 + £537 = £1185
17. £1098
18. £1
19. £1156

Think. An addition of three 2-digit numbers with a total of 100. The 1s digits must not be 0 or 5.

Page 64

1. £87 + £43 + £45 = £175
2. £79 + £44 + 56 = £179
3. £47 + £68 + £85 = £200
4. £53 + £71 + £56 = £180
5. £85 + £66 + £78 = £229
6. £48 + £37 + £86 = £171
7. £52 + £78 + £98 = £228
8. £54 + £45 + £77 = £176
9. £247 + £878 = £1125
10. £698 + £443 = £1141
11. £647 + £332 = £979
12. £825 + £274 = £1099
13. £877 + £768 = £1645
14. £358 + £688 = £1046
15. £469 + £231 = £700
16. £956 + £548 = £1504
17. £745
18. £11
19. £2

Think. Answers will vary.

Page 65

1. £56·80 – £10·10 = £46·70
2. £60 – £47·86 = £12·14
3. £7·94 – £0·48 = £7·46
4. £35·80 – £4·30 = £31·50
5. £40·50 – £38·75 = £1·75
6. £22 – £2·50 = £19·50
7. £22 – £19.95 = £2·05
8. £100 – £73·98 = £26·02
9. £47·73 – £20·50 = £27·23
10. £28·80 – £7·20 = £21·60
11. £43·12 – £42·86 = £0·26 or 26p
12. £45·76 – £40 = £5·76
13. True
14. True
15. True

Think. Answers will vary.

Page 66

1. £12·11
2. £20·56
3. £22·52
4. £5·62
5. £49·24
6. £2·35
7. £15·27
8. £12·38
9. Usually true
10. True

Page 67

1. £573 – £334 = £239
2. £684 – £291 = £393
3. £578 – £359 = £219
4. £975 – £684 = £291
5. £558 – £385 = £173
6. £967 – £375 = £592
7. £674 – £538 = £136
8. £759 – £482 = £277
9. £539 – £242 = £297
10. £825 – £634 = £191
11. £251
12. £65
13. £151

Think. Answers will vary.

Page 68

1. 673 – 456 = 217
2. 483 – 267 = 216
3. 428 – 265 = 163
4. 857 – 762 = 95
5. 807 – 764 = 43
6. 702 – 683 = 19
7. 410 – 367 = 43
8. 908 – 859 = 49
9. 526 – 302 = 224
10. 689 – 201 = 488
11. 578 – 312 = 266
12. 867 – 605 = 262
13. 795 – 311 = 484
14. 567 – 472 = 95
15. 759 – 204 = 555
16. 803 – 767 = 36

Think. Answers will vary but should suggest an understanding that in column subtractions the 10s or 1s in the second number are larger than those in the first and for Frog subtractions the first number is a near multiple of 100.

Page 69

1. £502 – £468 = £34
2. £640 – £576 = £64
3. £873 – £348 = £525
4. £707 – £684 = £23
5. £729 – £184 = £545
6. £410 – £358 = £52
7. £478 – £213 = £265
8. £862 – £359 = £503
9. £72
10. £63
11. £308
12. £131
13. £158
14. £81

Think. Three 3-digit – 2-digit subtractions with an answer of £89.

Page 70

1. 602 – 487 = 115
2. 464 – 281 = 183
3. 762 – 348 = 414
4. 808 – 684 = 124
5. 710 – 348 = 362
6. 903 – 684 = 219
7. 618 – 184 = 434
8. 500 – 318 = 182
9. 469 – 294 = 175
10. 578 – 114 = 464
11. 934 – 274 = 660
12. 681 – 359 = 322
13. Ones digits will follow the patterns 9 – 0, 0 – 1, 1 – 2, 2 – 3, 3 – 4, 4 – 5, 5 – 6, 6 – 7, 7 – 8, 8 – 9, the 1s digit of the second number will be one more that the 1s digit of the first number or, in the case of 9 and 0, 9 less.

Think. Three pairs of numbers, each of which have a difference of 685.

Page 71

1. Quarter past 4 in the afternoon.
2. Quarter past 6 in the evening.
3. Twenty minutes past 9 in the evening.
4. Twenty-five minutes past 1 in the afternoon.
5. Ten minutes past 11 at night.
6. Tweny minutes past 2 in the afternoon.
7. Quarter to 8 in the evening.
8. Quarter to 9 in the evening.
9. 23:15
10. 20:15
11. 17:10
12. 19:20
13. 14:05
14. 15:25
15. 13:30
16. 18:45

Think. 23 and 00

Page 72

1. Twenty past 4 in the afternoon.
2. Ten past 6 in the evening.
3. Twenty-five past 9 in the evening.
4. Twenty to 2 in the afternoon.
5. Five to 12 at night.
6. Twenty minutes past 2 in the afternoon.
7. Five minutes past 7 in the evening.
8. Ten to 9 in the evening.
9. 23:10
10. 20:05
11. 17:20
12. 23:45
13. 13:40
14. 14:25
15. 13:05
16. 20:50

Think. yes

Page 73

1. 35 minutes
2. 35 minutes
3. 1 hour and 45 minutes
4. 1 hour and 55 minutes
5. 1 hour and 20 minutes
6. 1 hour and 50 minutes
7. 1 hour and 35 minutes
8. 1 hour and 45 minutes

Page 74

1. 1 hour and 40 minutes
2. 1 hour and 45 minutes
3. 1 hour and 28 minutes
4. 1 hour and 21 minutes
5. 1 hour and 35 minutes
6. 1 hour and 44 minutes
7. 1 hour and 29 minutes
8. 1 hour and 58 minutes

Think. A time interval problem with an answer of 1 hour and 18 minutes.

Page 75

1. 26 cm
2. 12 cm
3. 18 cm
4. 38 cm
5. 40 cm

Think. A drawn plan of an 'L'-shaped room with a perimeter of 26 m.

Page 76

1. 12 cm
2. 20 cm
3. 16 cm
4. 24 cm
5. 32 cm
6. 30 cm
7. 22 cm
8. 30 cm

Think. 4 cm, 8 cm, 12 cm, and so on. The perimeters are multiples of 4.

Page 77

1. 4 cm, 26 cm
2. 10 cm, 28 cm
3. 3 cm, 38 cm
4. 6 cm, 20 cm
5. 13 cm, 34 cm
6. 2 cm, 34 cm

Think. Answers will vary.

Page 78

1. 6354
2. 4568
3. 9123
4. 1978
5. 3182
6. 9354

Answers to 7-10 to appear on a place-value grid.

7. 4715
8. 9224
9. 7311
10. 6049
11. 9214 = 8000 + 1200 + 14
12. 6825 = 5000 + 1800 + 25
13. 5674 = 4000 + 1600 + 74

Think. 3000 + 1500 + 54 = 4554, so missing digits are 3 and 5.

Page 79

Questions should be answered using expanded column subtraction.

1. 3145
2. 2218
3. 7317
4. 5102
5. 2092
6. 5182
7. 3393
8. 1192
9. 3921
10. 1735
11. 1830
12. 1821

Think. From 10s to 1s, and 1000s to 100s. Because the 1s digit and 100s digit in the second number are larger than those in the first number.

Page 80

Questions should be answered using expanded column subtraction.

1. 2737
2. 2735
3. 747
4. 4454
5. 1752
6. 582
7. 3367
8. 1842
9. 3526
10. 1728
11. 793
12. 1755

Think. Last digit is 3. Possible answers: 3446 – 1973, 3346 – 1873, 3246 – 1773, 3146 – 1673, 3046 – 1573.

Page 81

Questions should be answered using expanded column subtraction.

1. 5042
2. 3722
3. 1342
4. 611
5. 4331
6. 923
7. 2163
8. 4214
9. 6749
10. 4528

Think. Answers will vary.

Page 82

Questions should be answered using column subtraction.

1. 2809
2. 6158
3. 2736
4. 6453
5. 815
6. 1485
7. 787
8. 383
9. 2459
10. 2176
11. 2156
12. £2719

Think. 4251, answers will vary.

Page 83

Questions should be answered using column subtraction.

1. 4508
2. 3508
3. 2151
4. 5406
5. 1585
6. 5803
7. 784
8. 2375
9. 4859
10. 2288
11. 777
12. 258
13. 2496
14. 759

Think. Answers will vary. For example, 3748 – 2273 = 1475.

Page 84

1. 2549 – 203 = 2346
2. 8136 – 6002 = 2134
3. 8265 – 2014 = 6251
4. 4626 – 3613 = 1013
5. 7206 – 120 = 7086
6. 5275 – 52 = 5223
7. 3745 – 38 = 3707
8. 6210 – 185 = 6025
9. 9003 – 8975 = 28
10. 8005 – 7890 = 115
11. 4040 – 3898 = 142
12. 5207 – 4954 = 253
13. 4795 – 1587 = 3208
14. 5479 – 3928 = 1551
15. 5666 – 1473 = 4193
16. 8528 – 3487 = 5041
17. 6362 – 127 = 6235
18. 6003 – 4981 = 1022
19. 8353 – 4862 = 3491
20. 7837 – 1612 = 6225

Think. Answers may vary.

Page 85

1. 2549 – 304 = 2245
2. 8136 – 5999 = 2137
3. 8265 – 3447 = 4818
4. 7006 – 6897 = 109
5. 5275 – 43 = 5232
6. 8004 – 7589 = 415
7. 9763 – 2846 = 6917
8. 4673 – 1030 = 3643
9. 4785 – 174 = 4611
10. 5425 – 4998 = 427
11. 6010 – 5887 = 123
12. 4369 – 206 = 4163
13. 5719 – 2436 = 3283
14. 5666 – 117 = 5549
15. 8224 – 3447 = 4777

Think. Answers will vary.

Page 86

1. 123, 234, 345, 456, 567, 678, 789
2–4. 1107, 2106, 3105, 4104, 5103, 6102, 7101
5. The 1000s digit plus the 1s digit give a total of 8, the 100s digit is 1 and the 10s digit is 0.
7. 987 × 9 = 8883, 876 × 9 = 7884, 765 × 9 = 6885, 654 × 9 = 5886, 543 × 9 = 4887, 432 × 9 = 3888, 321 × 9 = 2889
8. The 1000s digit plus the 1s digit give a total of 11, the 100s digit is 8 and the 10s digit is 8.

Think. The 1000s digit plus the 1s digit give a total of 9, the 100s digit is 9 and the 10s digit is 9.

Page 87

1. 10 × 5 = 50
2. 20 × 5 = 100
3. 30 × 5 = 150
4. 40 × 5 = 200
5. 50 × 5 = 250
6. 80 ÷ 5 = 16
7. 95 ÷ 5 = 19
8. 110 ÷ 5 = 22
9. 135 ÷ 5 = 27
10. 115 ÷ 5 = 23
11. 170 ÷ 5 = 34
12. 145 ÷ 5 = 29
13. 220 ÷ 5 = 44
14. 10 × 7 = 70
15. 20 × 7 = 140
16. 30 × 7 = 210
17. 40 × 7 = 280
18. 50 × 7 = 350
19. 91 ÷ 7 = 13
20. 147 ÷ 7 = 21
21. 154 ÷ 7 = 22
22. 196 ÷ 7 = 28
23. 217 ÷ 7 = 31
24. 245 ÷ 7 = 35
25. 189 ÷ 7 = 27
26. 301 ÷ 7 = 43
27. 10 × 6 = 60
28. 20 × 6 = 120
29. 30 × 6 = 180
30. 40 × 6 = 240
31. 50 × 6 = 300
32. 96 ÷ 6 = 16
33. 150 ÷ 6 = 25
34. 162 ÷ 6 = 27
35. 198 ÷ 6 = 33
36. 174 ÷ 6 = 29
37. 228 ÷ 6 = 38
38. 252 ÷ 6 = 42
39. 204 ÷ 6 = 34

Think. 39, 117. The second answer is three times greater than the first.

Page 88

1. 10 × 3 = 30
2. 20 × 3 = 60
3. 30 × 3 = 90
Cont. 40 × 3 = 120
50 × 3 = 150
60 × 3 = 180
70 × 3 = 210
80 × 3 = 240
90 × 3 = 270
100 × 3 = 300
4. 126 ÷ 3 = 42
5. 162 ÷ 3 = 54
6. 114 ÷ 3 = 38
7. 189 ÷ 3 = 63
8. 201 ÷ 3 = 67
9. 234 ÷ 3 = 78
10. 255÷ 3 = 85
11. 288 ÷ 3 = 96
12. 10 × 7 = 70
13. 20 × 7 = 140
14. 30 × 7 = 210
Cont. 40 × 7 = 280
50 × 7 = 350
60 × 7 = 420
70 × 7 = 490
80 × 7 = 560
90 × 7 = 630
100 × 7 = 700
15. 161 ÷ 7 = 23
16. 378 ÷ 7 = 54
17. 469 ÷ 7 = 67
18. 273 ÷ 7 = 39
19. 511 ÷ 7 = 73
20. 588 ÷ 7 = 84
21. 616 ÷ 7 = 88
22. 644 ÷ 7 = 92
23. 10 × 8 = 80
24. 20 × 8 = 160
25. 30 × 8 = 240
Cont. 40 × 8 = 320
50 × 8 = 400
60 × 8 = 480
70 × 8 = 560
80 × 8 = 640
90 × 8 = 720
100 × 8 = 800
26. 296 ÷ 8 = 37
27. 368 ÷ 8 = 46
28. 440 ÷ 8 = 55
29. 504 ÷ 8 = 63
30. 568 ÷ 8 = 71
31. 472 ÷ 8 = 59
32. 664 ÷ 8 = 83
33. 760 ÷ 8 = 95

Page 89

1. 84 ÷ 6 = 14
2. 88 ÷ 6 = 14 r 4
3. 132 ÷ 6 = 22
4. 139 ÷ 6 = 23 r 1
5. 146 ÷ 6 = 24 r 2
6. 153 ÷ 6 = 25 r 3
7. 187 ÷ 6 = 31 r 1
8. 206 ÷ 6 = 34 r 2
9. 10 × 3 = 30
10. 20 × 3 = 60
11. 20 × 3 = 90
12. 42 ÷ 3 = 14
13. 41 ÷ 3 = 13 r 2
14. 69 ÷ 3 = 23
15. 64 ÷ 3 = 21 r 1
16. 40 ÷ 3 = 13 r 1
17. 77 ÷ 3 = 25 r 2
18. 95 ÷ 3 = 31 r 2
19. 100 ÷ 3 = 33 r 1

Think. [even] ÷ [even] is not always even.

For example, 12 ÷ 4 = 3 (odd)
50 ÷ 4 = 12·5 etc.

[odd] ÷ [odd] is never even, can be odd or fractional.

For example, 9 ÷ 3 = 3 (odd)
7 ÷ 5 = 1 r 2 or 1·4 etc.

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1. 10 × 4 = 40
2. 20 × 4 = 80
3. 30 × 4 = 120
4. 40 × 4 = 160
5. 89 ÷ 4 = 22 r 1
6. 99 ÷ 4 = 24 r 3
7. 130 ÷ 4 = 32 r 2
8. 141 ÷ 4 = 35 r 1
9. 125 ÷ 4 = 31 r 1
10. 166 ÷ 4 = 41 r 2
11. 179 ÷ 4 = 44 r 3
12. 107 ÷ 4 = 26 r 3
13. 10 × 7 = 70
14. 20 × 7 = 140
15. 30 × 7 = 210
16. 40 × 7 = 280
17. 155 ÷ 7 = 22 r 1
18. 171 ÷ 7 = 24 r 3
19. 237 ÷ 7 = 33 r 6
20. 288 ÷ 7 = 41 r 1
21. 306 ÷ 7 = 43 r 5
22. 295 ÷ 7 = 42 r 1
23. 317 ÷ 7 = 45 r 2
24. 323 ÷ 7 = 46 r 1
25. 10 × 8 = 80
26. 20 × 8 = 160
27. 30 × 8 = 240
28. 40 × 8 = 320
29. 178 ÷ 8 = 22 r 2
30. 199 ÷ 8 = 24 r 7
31. 251 ÷ 8 = 31 r 3
32. 276 ÷ 8 = 34 r 4
33. 287 ÷ 8 = 35 r 7
34. 330 ÷ 8 = 41 r 2
35. 345 ÷ 8 = 43 r 1
36. 364 ÷ 8 = 45 r 4

Think. All statements are false.

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1. 55
2. 28 cm
3. 7004
4. £1024
5. 24
6. 360
7. 14 meals with £2 change
8. 1214

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1. 258
2. 222
3. 87
4. 304
5. 173
6. 68
7. 340

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1. 7574 – 800 = 6774
2. 5643 – 50 = 5593
3. 782 – 58 = 724
4. 977 × 4 = 3908
5. 757 – 639 = 118
6. 96 ÷ 6 = 16
7. £975 – £684 = £291
8. 68 × 4 = 272
9. $\frac{5}{8}$ of 40 = 25
10. 260 ÷ 5 = 52
11. 3000 – 2463 = 537
12. 5975 + 7389 = 13 364
13. 8858 – 450 = 8408
14. 2654 – 440 = 2214
15. 851 – 248 = 603
16. 369 × 6 = 2214
17. 658 – 477 = 181
18. 252 ÷ 6 = 42
19. £539 – £242 = 297
20. 128 ÷ 4 = 32
21. 237 ÷ 7 = 33 r 6
22. 9763 – 2846 = 6917
23. 6000 – 3439 = 2561
24. 5875 + 7276 = 13 151
25. £6·85
26. £1024
27. 10 969

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1. Answers will vary, for example 973 + 638 = 1611
2. Answers will vary, for example 254 + 253 = 507
3. Answers will vary, for example 196 + 254 = 450
4. Answers will vary, for example 429 + 127 = 556
5. Answers will vary, for example 638 + 973 = 1611
6. 973 + 958 = 1931
7. Answers will vary, for example 852 – 843 = 9
8. Answers will vary, for example 653 – 164 = 489
9. Answers will vary, for example 973 – 253 = 720
10. Answers will vary, for example 253 – 196 = 58
11. Answers will vary, for example 638 – 196 = 442

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12. Answers will vary, for example 71 × 7 = 504
13. Answers will vary, for example 64 × 5 = 320
14. Answers will vary, for example 19 × 2 = 38
15. Answers will vary, for example 6 × 88, 480 + 48 = 528
16. Answers will vary, for example 53 ÷ 2 = 26 r 1
17. Answers will vary, for example 64 ÷ 4 = 16
18. Answers will vary, for example 88 ÷ 2 = 44
19. Answers will vary, for example 64 ÷ 8 = 8
20. Answers will vary, for example 164 ÷ 4 = 41