

CHAPTER 1 Addition and Subtraction of Whole Numbers

This chapter is intended to give practice in addition and subtraction of whole numbers. We have not introduced the calculator until near the end of this chapter but an earlier introduction may be felt to be appropriate; it can be used to check answers.

EXERCISE 1a (p. 1)

Can be used for discussion, e.g. other methods of adding several numbers such as looking for pairs of numbers that add up to ten; can also be used for mental arithmetic.

1. 10	8. 19	15. 33	22. 17	29. 26
2. 11	9. 20	16. 18	23. 20	30. 32
3. 14	10. 27	17. 25	24. 33	31. 26
4. 15	11. 15	18. 32	25. 30	32. 26
5. 17	12. 17	19. 39	26. 21	33. 40
6. 24	13. 27	20. 32	27. 21	34. 37
7. 24	14. 27	21. 24	28. 19	35. 39

EXERCISE 1b (p. 2)

1. 79	10. 2292	19. 797	28. 2764	37. 509
2. 97	11. 549	20. 1966	29. 5936	38. 857
3. 65	12. 1835	21. 183	30. 7525	39. 1087
4. 308	13. 9072	22. 177	31. 1693	40. 1832
5. 259	14. 21 829	23. 202	32. 1382	41. 2892
6. 399	15. 16 244	24. 1252	33. 1896	42. 6779
7. 882	16. 112	25. 2783	34. 5230	43. 2226
8. 2039	17. 158	26. 2062	35. 4095	44. 3569
9. 991	18. 242	27. 1267	36. 581	45. 11 932

EXERCISE 1c (p. 3)

Confidence in problem solving comes from getting the answer right. More able children can be asked for some form of explanation, at least writing the answer in sentence form. Some worked examples will be necessary to indicate what they are expected to write down.

1. 89p	7. 787
2. 69p	8. 77cm
3. 88	9. £16
4. £757	10. 50min
5. a) 261 b) 302 c) 3056 d) 1300	11. 4957
6. a) three hundred and twenty-four	12. £10.23 or 1023p
b) five thousand two hundred and eight	
c) one hundred and fifty	
d) one thousand five hundred	

EXERCISE 1d (p. 4)

1. 11	5. 7	9. 8	13. 11	17. 5
2. 12	6. 12	10. 6	14. 8	18. 6

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|-------|-------|--------|--------|--------|
| 3. 14 | 7. 15 | 11. 13 | 15. 10 | 19. 14 |
| 4. 5 | 8. 9 | 12. 3 | 16. 4 | 20. 8 |

EXERCISE 1e (p. 5)

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|--------|---------|----------|----------|----------|
| 1. 211 | 9. 126 | 16. 136 | 23. 4823 | 30. 676 |
| 2. 551 | 10. 186 | 17. 713 | 24. 6615 | 31. 4077 |
| 3. 406 | 11. 470 | 18. 255 | 25. 575 | 32. 1048 |
| 4. 218 | 12. 354 | 19. 279 | 26. 3344 | 33. 77 |
| 5. 73 | 13. 287 | 20. 149 | 27. 1524 | 34. 192 |
| 6. 141 | 14. 178 | 21. 8 | 28. 189 | 35. 4195 |
| 7. 406 | 15. 187 | 22. 2828 | 29. 703 | 36. 1644 |
| 8. 126 | | | | |

EXERCISE 1f (p. 6)

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|--------------------|---------|----------|----------|
| 1. 403p (or £4.03) | 4. 89 | 7. 213 | 10. 19cm |
| 2. 464 | 5. 287 | 8. 48 | |
| 3. 85 | 6. 6483 | 9. 7500m | |

EXERCISE 1g (p. 6)

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|------|------|------|------|-------|
| 1. 6 | 3. 7 | 5. 9 | 7. 2 | 9. 9 |
| 2. 5 | 4. 4 | 6. 4 | 8. 7 | 10. 7 |

EXERCISE 1h (p. 7)

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|-------|--------|--------|---------|---------|
| 1. 17 | 7. 13 | 13. 0 | 19. 0 | 25. 29 |
| 2. 5 | 8. 3 | 14. 67 | 20. 95 | 26. 597 |
| 3. 2 | 9. 6 | 15. 83 | 21. 73 | 27. 19 |
| 4. 20 | 10. 4 | 16. 50 | 22. 20 | 28. 129 |
| 5. 30 | 11. 0 | 17. 0 | 23. 104 | 29. 250 |
| 6. 28 | 12. 25 | 18. 39 | 24. 7 | 30. 65 |

EXERCISE 1i (p. 8)

Intended for the above average but others may be able to obtain the answers with the help of a calculator.

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|--------|---------|---------|-------|-------|
| 1. 10p | 3. 80cm | 5. 144 | 7. 17 | 9. 9p |
| 2. 72 | 4. 318 | 6. 69lb | 8. 45 | |

EXERCISE 1j (p. 9)

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|-------|--------|--------------|--------------|--------------|
| 1. 8 | 11. 8 | 21. 250, 257 | 31. 60, 58 | 41. 370, 360 |
| 2. 15 | 12. 3 | 22. 60, 56 | 32. 20, 16 | 42. 210, 206 |
| 3. 5 | 13. 8 | 23. 210, 209 | 33. 160, 163 | 43. 230, 227 |
| 4. 63 | 14. 12 | 24. 510, 507 | 34. 160, 154 | 44. 250, 251 |
| 5. 1 | 15. 14 | 25. 330, 334 | 35. 150, 148 | 45. 330, 328 |

6. 4	16. 5	26. 40, 38	36. 40, 42	46. 290, 293
7. 23	17. 16	27. 370, 366	37. 280, 284	47. 250, 250
8. 16	18. 38	28. 260, 264	38. 230, 229	48. 300, 291
9. 7	19. 10	29. 180, 176	39. 370, 362	49. 180, 170
10. 0	20. 20	30. 770, 777	40. 160, 160	50. 360, 353