

中等英文
商業算術答案

Answers
for
Middle School Arithmetic

BY

T. W. Chapman M. Sc., (Vict. Eng.)

(Univ. Diploma in the Theory & Practice of Education)

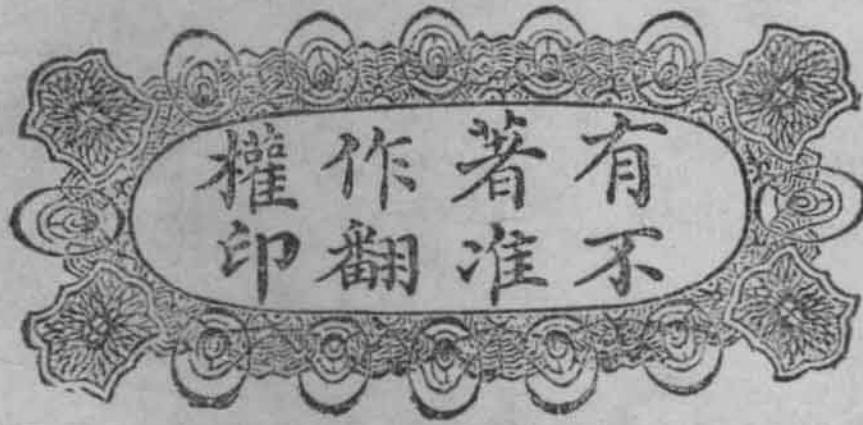
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Answers

1b.

- | | | |
|---------------|---------------|---------------|
| 1. 17045 | 2. 9688 | 3. 18504 |
| 4. 11993 | 5. 18969 | 6. 358670 |
| 7. 402203 | 8. 415110 | 9. 345342 |
| 10. 377924 | 11. 201101 | 12. 10902590 |
| 13. 14251814 | 14. 16516403 | 15. 27590001 |
| 16. 455268113 | 17. 373027598 | 18. 462038377 |
| 19. 464381858 | 20. 355989730 | |

1c.

- | | | |
|-----------|-----------|-----------|
| 1. 144 | 2. 133 | 3. 121 |
| 4. 111 | 5. 62 | 6. 82 |
| 7. 119 | 8. 234 | 9. 171 |
| 10. 79 | 11. 313 | 12. 906 |
| 13. 706 | 14. 2418 | 15. 1089 |
| 16. 1132 | 17. 77 | 18. 3087 |
| 19. 3087 | 20. 5283 | 21. 5556 |
| 22. 17818 | 23. 2889 | 24. 11097 |
| 25. 47757 | 26. 10777 | 27. 8874 |
| 28. 8839 | 29. 5889 | 30. 6839 |

- | | | |
|-------------|--------------------------------|-------------|
| 31. 642331 | 32. 236779 | 33. 5564982 |
| 34. 26366 | 35. 73420 | 36. 98915 |
| 37. 1439 | 38. 14805 | 39. 6429 |
| 40. 22810 | 41. 18180 | 42. 12363 |
| 43. 34238 | 44. 116361 | 45. 177250 |
| 46. 141 | 47. \$237 | 48. \$787 |
| 49. \$39840 | 50. a. 54606 b. 70214 c. 66740 | |

Id.

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|--|-----------------|
| 1. 8704 | 2. 23383 |
| 3. 85869 | 4. 85848 |
| 5. 763515 | 6. 1790593 |
| 7. 4211649 | 8. 8506962 |
| 9. 81059615 | 10. 275655816 |
| 11. 396099408 | 12. 296082432 |
| 13. 1643070033 | 14. 15541620815 |
| 15. 31248121361 | |
| 16. 70686900 ; 72257720 ; 72336261. | |
| 17. 32176900 ; 34475250 ; 34751052. | |
| 18. 76229600 ; 82899690 ; 83757273. | |
| 19. 2085308000 ; 2398104200 ; 2435639744. | |
| 20. 4709943000 ; 5046367500 ; 50753000007. | |
| 21. 1978251000 ; 20505784600 ; 2555240875. | |

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- | | |
|-------------------|----------------|
| 22. 16485 | 23. 122400 |
| 24. 12345625 | 25. 3364125 |
| 26. 35589375 | 27. 562816625 |
| 28. 66657 | 29. 769538 |
| 30. 1615870 | 31. 53469 |
| 32. 690327 | 33. 8792658 |
| 34. 6745477 | 35. 63153783 |
| 36. 32481906 | 37. 23496299 |
| 38. 377223 | 39. 2705448 |
| 40. 852 | 41. 483 |
| 42. 1705 | 43. 19067 |
| 44. 667331 | 45. 582685 |
| 46. 99837 | 47. 1737 |
| 48. 63352 | 49. 50749 |
| 50. 128715 | 51. 29854719 |
| 52. 63809928 | 53. 76802888 |
| 54. 291616619 | 55. 276159072 |
| 56. 1606373502 | 57. 563234889 |
| 58. 8141305952 | 59. 2649734436 |
| 60. 750467676321. | |

I.e.

- | | |
|------------------|--------------------|
| 1. 25 | 2. 24 |
| 3. 106 | 4. 12 |
| 5. 17 | 6. 107 & 3 |
| 7. 263 & 26 | 8. 156 & 10 |
| 9. 78 & 21 | 10. 154 & 40 |
| 11. 108 & 3 | 12. 146 & 19 |
| 13. 1353 & 26 | 14. 428 & 15 |
| 15. 297 & 11 | 16. 403 & 80 |
| 17. 3135 & 129 | 18. 4826 & 31 |
| 19. 1850 & 213 | 20. 33284 & 60 |
| 21. 773 & 24 | 22. 773 & 61 |
| 23. 667 & 53 | 24. 127 & 78 |
| 25. 625 & 53 | 26. 615 & 8 |
| 27. 174 & 323 | 28. 58 & 325 |
| 29. 66 & 194 | 30. 134 & 109 |
| 31. 165 & 201 | 32. 106 & 439 |
| 33. 175 & 1996 | 34. 278 & 1863 |
| 35. 119 & 2741 | 36. 94 & 53167 |
| 37. 1162 & 36232 | 38. 1555 & 59649 |
| 39. 6 & 872309 | 40. 1211 & 3623430 |
| 41. 71 & 4 | 42. 99 & 1 |

43. 758 & 2 44. 13 & 47
 45. 179 & 21 46. 65 & 47
 47. 855 & 19 48. 2788 & 1
 49. 3296 & 13
 50. 8743269 & 4; 874326 & 94; 87432 & 694;
 8743 & 2694; 87 & 432694
 51. 373 & 107 52. 989 & 29
 53. 673 & 304 54. 709 & 437
 55. 103 & 2234 56. 14
 57. 148 58. 3106
 59. 23 60. divisor 357 quotient 2106

IIa.

- 5749; 23717; 100541; 695489; 3927107; cts.
- Tls. 394.16; Tls. 497.12; Tls. 6004.07;
 Tls. 397.12; Tls. 4900.76.
- 2350; 4974; 14539; 39716; and 239712
 candareens.
- Tls. 6.95, 69 mace 5 cands; Tls. 42.71, 427
 mace 1 cand; Tls. 693.02, 6930 mace
 2 cands; Tls. 1071.04, 10710 mace 4
 cands; Tls. 3924.56, 39245 mace 6 cands.
- 2300, 7, 3214, 4697 and 18429 cents

6. \$3.97, \$49.65, \$290.71, \$1056.79, \$2964.17
7. Y.3.97, Y.42.96, Y.104.71, Y.487.61,
Y.1071.07
8. 4714, 13517, 149729, 290707, and 1210567
sen.
9. 2932, 5692, 14734, 29846, and 871232
pfennigs.
10. M.4.76, M.16.97, M.135.47, M.291.06,
M.30007.45.
11. 540, 395, 956, 5822, and 78827 shillings.
12. 175, 239, 213, 140 and 184 pence.
13. £19 . 17s., £60 . 1s., £238 . 4s., £395 . 12s.,
£1648 . 11s.
14. 1050, 2339, 4531, 7748, 30653 pence.
15. 3093, 11898, 26631, 302593, 1153271
farthings.
16. £12 . 7 . 7d., £5 . 1 . 5 $\frac{3}{4}$ d., £14 . 2 . 11 $\frac{1}{2}$ d.,
£217 . 5 . 7d. and £138 . 8 . 7 $\frac{3}{4}$ d.

IIb.

- | | |
|------------------|-------------------|
| 1. Tls. 415.77 | 2. Tls. 4983.28 |
| 3. Tls. 5655.18 | 4. Tls. 109287.19 |
| 5. Tls. 60904.08 | 6. \$20333.83 |

7. \$125697.95 8. \$1854425.46
 9. fr. 386452.42 10. fr. 1910363.34
 11. M. 12976115.38 12. M. 29811081.45
 13. Y. 281197.75 14. Y. 1100108.28
 15. £960 . 8 . 4. 16. £6082 . 17 . 6
 17. first Column £18458 . 2 . 2, second Column
 £34014.0.4½, third Column £38569 . 0 . 4.
 first row £14748 . 7 . 6, second row £7789 . 19.
 9¾, third row £12116 . 0 . 7, fourth row
 £1661 . 7 . 0¾, fifth row £6137 . 9 . 4½,
 sixth row £21254 . 3 . 5¼, seventh row
 £9312 . 17 . 9, eighth row £9365 . 7 . 0,
 ninth row £8655 . 10 . 4¼. Grand Total
 £91041 . 2 . 10½.

IIc.

1. Tls. 137.96 2. Tls. 677.82
 3. Tls. 1708.89 4. Tls. 1882.18
 5. Tls. 8875.28 6. \$112.31
 7. \$222.69 8. \$103.41
 9. \$1109.96 10. \$22248.97
 11. fr. 917.92 12. fr. 2983.98

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|----------------------------------|------------------------------------|
| 13. fr. 8445.28 | 14. M.2993.46 |
| 15. M.10473.76 | 16. Y.19111.98 |
| 17. Y.31579.83 | 18. £3 . 12 . 9 |
| 19. £14 . 1 . 3 | 20. £121 . 14 . 6 |
| 21. £1973 . 19 . 0 $\frac{3}{4}$ | 22. £4625 . 18 . 8 $\frac{3}{4}$ |
| 23. £5080 . 19 . 1 $\frac{1}{4}$ | 24. £1811 . 3 . 6 $\frac{3}{4}$ |
| 25. £46550 . 2 . 8 | 26. £18043 . 17 . 10 $\frac{1}{4}$ |
| 27. £7072 . 18 . 7 $\frac{3}{4}$ | 28. \$26258.71 |
| 29. Tls. 10105.51 | 30. £36202 . 16 . 8 $\frac{1}{4}$ |

II d.

1. Tls. 197.35, Tls. 355.23, Tls. 434.17
2. \$318.92, \$364.48, \$410.04
3. fr. 1962.96, fr. 2290.12, fr. 3925.92
4. M.4736.85, M.8526.33, M.10421.07
5. £27 . 5 . 1 $\frac{1}{2}$, £31 . 3 . 0, £35 . 0 . 10 $\frac{1}{2}$
6. £211 . 6 . 11 $\frac{3}{4}$, £295 . 15 . 9 $\frac{1}{4}$, £507 . 4 . 9
7. Tls. 2470.24; Tls. 3705.36; Tls. 4322.92
8. \$10736.55; \$17894.25; \$16701.30
9. fr. 10213.56; fr. 20427.12; fr. 27236.16
10. M.18293.73; M.29747.29; M.48783.28
11. Y.68100.06; Y.102150.09; Y.116742.96

12. £2224 . 7 . 4; £3932 . 7 . 3; £4289 . 17 . 0

13. £ 42143 . 10 . $10\frac{1}{2}$; £ 28211 . 15 . $10\frac{1}{2}$;
£50154 . 12 . 0

14. Tls. 51336.99; Tls. 62838.72

15. \$152836.53; \$337922.97

16. fr. 316071.84; fr. 476487.18

17. M.674069.76; M.981475.20

18. Y.2141572.86; Y.563572.44

19. £1440984 . 17 . $2\frac{1}{4}$; £2739959 . 12 . 4d.

20. £5171484 . 17 . $10\frac{1}{2}$ d.; £6483044 . 1 . 9

21. £295007 . 13 . 3; £356536 . 5 . 3d.

22. £457368 . 19 . $1\frac{1}{2}$; £1118471 . 6 . 6d.

23. Tls. 361214.56 24. \$1965103.92

25. Y.45504217.26 26. fr. 296173242.88

27. M.575376056.64

28. \$5496; \$54960; £5497 . 14 . 4; £54977 . 3 . 4

29. Y. 349370; Y. 3493700; £349370 . 16 . 8;
£3493708 . 6 . 8

30. fr. 1247910.84; fr. 1250409.16; £1247909
3 . 6; £1250407 . 9 . 10d.

IIe.

1. Tls. 12.78, remainder 1 cent; Tls. 8.13, remainder 4 cents.
2. \$17.71, remainder 0; \$13.28, remainder 3 cents.
3. fr. 87.16, remainder 3 centimes; fr. 116.21, remainder 5 centimes.
4. M. 699.50, remainder 4 pfennigs; M. 384.17, remainder 1 pfennige.
5. Y. 572.97, remainder 0; Y. 526.05, remainder 7 sen.
6. £1022 . 10 . 11 $\frac{1}{4}$ d., remainder $\frac{1}{4}$ d.; £795 . 6 . 3 $\frac{1}{4}$, remainder 1 $\frac{3}{4}$ d.
7. \$ 353.30, remainder 10 cents; \$ 173.04, remainder 34 cents.
8. M. 140.41, remainder 17 pfennigs; M. 68.93 remainder 9 pfennigs.
9. Y. 160.29, remainder 9 sen; Y. 91.59, remainder 33 sen.
10. Tls. 191.82, remainder 19 cents; Tls. 106.56, remainder 61 cents.

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11. fr. 169.44, remainder 9 centimes ; fr. 104.94, remainder 41 centimes.
 12. £219 . 9 . $5\frac{1}{4}$ d, remainder $7\frac{3}{4}$ d.; £121 . 18 . 7, remainder 1d.
 13. \$232.91, remainder 4 cents.
 14. Y. 96.19, remainder 24 sen.
 15. Tls. 6.40, remainder Tls. 2.19.
 16. M. 34.98, remainder 7 pfennigs.
 17. fr. 34.20, remainder 26 centimes.
 18. £10 . 7 . 11, remainder 6s. 7d.
 19. £71 . 8 . 8, remainder 4s. 6d.
 20. £71 . 12 . 11, remainder £1 . 9 . 6.
 21. 12 times, remainder fr. 42.24.
 22. 8 times, remainder M.40.19.
 23. 51 times, remainder Y. 43.94.
 24. 147 times, remainder Tls. 237.77.
 25. \$143 times, remainder \$59.19.
 26. 465 times, remainder £2.
 27. 263 times, remainder £3 . 3s.
 28. 10 times, remainder £2 . 11s . 7d.
 29. 71 times, remainder 8d.
 30. 14 times, remainder £10 . 16s . $3\frac{3}{4}$ d.

II.f.

- | | |
|------------------------------|------------------|
| 1. 875 寸 | 2. 1189 ts'un |
| 3. 1757 ts'un | 4. 32763 ts'un |
| 5. 115 inches | 6. 125 inches |
| 7. 155 inches | 8. 142 inches |
| 9. 645 inches | 10. 1427 inches |
| 11. 11362 inches | 12. 17961 inches |
| 13. 9470 yards | 14. 30920 yards |
| 15. 30460 yards | 16. 6531½ yards |
| 17. 5740 m. | 18. 1647 m. |
| 19. 5704 m. | 20. 25347 m. |
| 21. 7850 mm. | 22. 7805 mm. |
| 23. 678 mm. | 24. 9631 mm. |
| 25. 9 chang 8 ch'ih 7 ts'un. | |
| 26. 6 chang 3 ch'ih 9 ts'un. | |
| 27. 4 chang 0 ch'ih 5 ts'un. | |
| 28. 9 chang 1 ch'ih. | |
| 29. 2 li 69 chang 7 ch'ih | |
| 30. 10 li 41 chang 2 ch'ih. | |
| 31. 37 li 133 chang 1 ch'ih | |
| 32. 30 li 97 chang 6 ch'ih. | |

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33. 4 Km. 2 Hm. 9 Dm. 7 m.
 34. 16 Km. 4 Hm. 1 Dm. 9 m.
 35. 67 Km. 8 Hm. 9 Dm. 4 m.
 36. 191 Km. 4 Hm. 1 Dm. 3 m.
 37. 6 m. 5 dm. 1 cm. 2 mm.
 38. 15 m. 9 dm. 1 cm. 2 mm.
 39. 9 m. 8 dm. 9 cm. 7 mm.
 40. 79 m. 1 dm. 2 cm. 4 mm.
 41. 219 yards 1 foot 8 inches.
 42. 411 yards 1 foot 4 inches.
 43. 1885 yards 2 feet 8 inches.
 44. 3370 yards 1 foot 9 inches.
 45. 10 miles 1274 yards.
 46. 39 miles 1202 yards.
 47. 50 miles 888 yards.
 48. 56 miles 416 yards.
 49. 78 li 159 chang 8 ch'ih 8 ts'un.
 50. 105 yards 1 foot 2 inches.
 51. 392 miles 7 poles.
 52. 1281 miles 260 yards.
 53. 698 Km. 679 m.
 54. 278 m. 7 dm. 2 cm. 1 mm.

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55. 13 li 177 chang 0 ch'ih 8 ts'un.
56. 50 yards 1 foot 10 inches.
57. 148 miles 5 fur. 39 poles.
58. 111 miles 1443 yards
59. 365 Km. 203 m.
60. 6 m. 8 dm. 9 cm. 9 mm.
61. 62 li 38 chang 2 ch'ih 4 ts'un; 85 li 97 chang
5 ch'ih 8 ts'un.
62. 977 yards 0 foot 3 inches; 1661 yards 1 foot.
63. 377 miles 4 fur. 34 yards; 566 miles 3 fur.
11 yards.
64. 24690 miles 630 yards; 52023 miles 730 yards.
65. 12892 Km. 6 m.; 71050 Km. 887 m.
66. 5954 m. 7 dm. 1 cm. 2 mm.; 7839 m. 3 dm.
1 cm. 5 mm.
67. 1 li 154 chang 9 ch'ih 6 ts'un; with remainder
1 ts'un.
68. 30 yards 1 foot 5 inches; with 9 inches
remainder.
69. 258 metres; with remainder 187 metres.
70. 7 dm. 4 cm. 3 mm.; with remainder 6 cm.
7 mm.