

| | | | |
|---|---|----------------------|--------------------------------|
| 1 | $372,000 + 1,000 + 1,000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 2 | $32 - 50 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 3 | $\begin{array}{r} 555,805 \\ + 278,537 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 4 | $0.3 = \frac{?}{100}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 5 | $750,000 - 80,000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 6 | $8,999 + 60 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 7 | $? + 3,006 = 19,005$ | <input type="text"/> | <input type="text"/> 1 mark |
| 8 | $5,907 \times 8 =$ | <input type="text"/> | <input type="text"/> 1 mark |

| | | | |
|----|-----------------------|----------------------|--------------------------------|
| 9 | $3,600 \div 6 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 10 | $400,102 - 87,885 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 11 | $3,686 \div 8 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 12 | $4 \times 1100 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 13 | $80 \times 80 - 30 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 14 | $50 \times 700 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 15 | $5,500 \div 500 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 16 | $70 + 2 \times 48 =$ | <input type="text"/> | <input type="text"/> 1 mark |

| | | |
|----|--|---|
| 17 | $21.06 + 1.944 =$ | <input data-bbox="935 338 1158 427" type="text"/> <input data-bbox="1278 327 1358 405" type="text"/> 1 mark |
| 18 | $\begin{array}{r} 2.309 \\ \times \quad 8 \\ \hline \end{array}$ | <input data-bbox="935 555 1158 645" type="text"/> <input data-bbox="1278 544 1358 622" type="text"/> 1 mark |
| 19 | $\frac{1}{2} \times \frac{1}{4} =$ | <input data-bbox="935 786 1158 875" type="text"/> <input data-bbox="1278 775 1358 853" type="text"/> 1 mark |
| 20 | $567.01 \times 100 =$ | <input data-bbox="935 1010 1158 1099" type="text"/> <input data-bbox="1278 999 1358 1077" type="text"/> 1 mark |
| 21 | $4^2 + 7^2 + 5^3 =$ | <input data-bbox="935 1227 1158 1317" type="text"/> <input data-bbox="1278 1216 1358 1294" type="text"/> 1 mark |
| 22 | $0.7 \times 9 =$ | <input data-bbox="935 1447 1158 1536" type="text"/> <input data-bbox="1278 1435 1358 1514" type="text"/> 1 mark |
| 23 | $\frac{5}{6} + \frac{11}{12} =$ | <input data-bbox="935 1675 1158 1765" type="text"/> <input data-bbox="1278 1664 1358 1742" type="text"/> 1 mark |
| 24 | $256.92 - 39.043 =$ | <input data-bbox="935 1895 1158 1984" type="text"/> <input data-bbox="1278 1883 1358 1962" type="text"/> 1 mark |

| | | |
|----|--|---|
| 25 | $6.7 \div 1000 =$ | <input data-bbox="1278 331 1358 409" type="text"/> 1 mark |
| 26 | $\begin{array}{r} 928 \\ \times 76 \\ \hline \end{array}$ | <input data-bbox="1278 546 1358 624" type="text"/> 2 marks |
| 27 | $\frac{2}{3} \div 2 =$ | <input data-bbox="1278 770 1358 848" type="text"/> 1 mark |
| 28 | $65\% = \frac{?}{20}$ | <input data-bbox="1278 994 1358 1072" type="text"/> 1 mark |
| 29 | $89\% \text{ of } 250 =$ | <input data-bbox="1278 1218 1358 1296" type="text"/> 1 mark |
| 30 | $\begin{array}{r} 1974 \\ \times 83 \\ \hline \end{array}$ | <input data-bbox="1278 1442 1358 1520" type="text"/> 2 marks |
| 31 | $37.8 \div 4 =$ | <input data-bbox="1278 1666 1358 1744" type="text"/> 1 mark |
| 32 | $180 - 78 \div 2 + 4 =$ | <input data-bbox="1278 1890 1358 1968" type="text"/> 1 mark |

| | | | |
|----|---------------------------------|----------------------|---------------------------------|
| 33 | $\frac{7}{6} - \frac{7}{10} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 34 | $\frac{3}{7} \times 6 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 35 | $38 \overline{)7990} =$ | <input type="text"/> | <input type="text"/> 2 marks |
| 36 | $3\frac{1}{4} - 1\frac{7}{8} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 37 | $2\frac{3}{5} \times 4 =$ | <input type="text"/> | <input type="text"/> 1 mark |

Mark scheme

- | | | | | | |
|-----|-------------------------|-----|-----|--|-----|
| 1. | 374,000 | [1] | 21. | 190 | [1] |
| 2. | -18 | [1] | 22. | 6.3 | [1] |
| 3. | 834,342 | [1] | 23. | $1\frac{3}{4}$ or equivalent | [1] |
| 4. | $\frac{30}{100}$ | [1] | | e.g. $1\frac{9}{12}$ or $\frac{21}{12}$ | |
| 5. | 670,000 | [1] | 24. | 217.877 | [1] |
| 6. | 9,059 | [1] | 25. | 0.0067 | [1] |
| 7. | 15,999 | [1] | 26. | For 2 marks: 70,528 | [2] |
| 8. | 47,256 | [1] | | For 1 mark: | |
| 9. | 600 | [1] | | $\begin{array}{r} 928 \\ \times 76 \\ \hline 5568 \\ 64960 \\ \hline 70528 \end{array}$ | |
| 10. | 312,217 | [1] | | An error in one row, then added correctly, or an error in the addition | |
| 11. | 460 rem 6 or equivalent | [1] | 27. | $\frac{1}{3}$ or equivalent | [1] |
| | e.g. $460\frac{3}{4}$ | | 28. | $\frac{13}{20}$ | [1] |
| 12. | 4,400 | [1] | 29. | 222.5 | [1] |
| 13. | 6,370 | [1] | 30. | For 2 marks: 163,842 | [2] |
| 14. | 35,000 | [1] | | For 1 mark: | |
| 15. | 11 | [1] | | $\begin{array}{r} 1974 \\ \times 83 \\ \hline 5922 \\ 157920 \\ \hline 163842 \end{array}$ | |
| 16. | 166 | [1] | | An error in one row, then added correctly, or an error in the addition | |
| 17. | 23.004 | [1] | 31. | 9.45 | [1] |
| 18. | 18.472 | [1] | 32. | 145 | [1] |
| 19. | $\frac{1}{8}$ | [1] | | | |
| 20. | 56,701 | [1] | | | |

33. $\frac{7}{15}$ or equivalent [1]
e.g. $\frac{14}{30}$

34. $2\frac{14}{7}$ or equivalent [1]
e.g. $\frac{18}{7}$

35. For 2 marks: [2]
210 rem 10 or equivalent

For 1 mark:

Evidence of either long division or short division method with only one error (carry figures must be seen in a short division method).

36. $1\frac{3}{8}$ or equivalent [1]
e.g. $\frac{11}{8}$

37. $10\frac{2}{5}$ or equivalent [1]
e.g. $\frac{52}{5}$

Do not accept unconventional mixed numbers e.g. $8\frac{12}{5}$