

1	$383,000 + 1,000 + 1,000 =$	<input type="text"/>	<input type="text"/> 1 mark
2	$-16 + 12 =$	<input type="text"/>	<input type="text"/> 1 mark
3	$\begin{array}{r} 752,476 \\ + 528,015 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
4	$870,999 - ? = 480,999$	<input type="text"/>	<input type="text"/> 1 mark
5	$2,839 \times 8 =$	<input type="text"/>	<input type="text"/> 1 mark
6	$355,102 - 78,907 =$	<input type="text"/>	<input type="text"/> 1 mark
7	$5,844 \div 8 =$	<input type="text"/>	<input type="text"/> 1 mark
8	$9999 + 2 =$	<input type="text"/>	<input type="text"/> 1 mark

9	$500 \times 80 =$	<input type="text"/>	<input type="text"/> 1 mark
10	$900,000 - 460,000 =$	<input type="text"/>	<input type="text"/> 1 mark
11	$30\% = \frac{?}{20}$	<input type="text"/>	<input type="text"/> 1 mark
12	12% of 950 =	<input type="text"/>	<input type="text"/> 1 mark
13	$3,600 \div 50 =$	<input type="text"/>	<input type="text"/> 1 mark
14	$5^2 + 3^3 + 4^2 =$	<input type="text"/>	<input type="text"/> 1 mark
15	$3 \times 1200 =$	<input type="text"/>	<input type="text"/> 1 mark
16	$220 - 3 \times 60 =$	<input type="text"/>	<input type="text"/> 1 mark

17	$70 \times 80 - 90 =$	<input type="text"/>	<input type="text"/> 1 mark
18	$999.9 \times 100 =$	<input type="text"/>	<input type="text"/> 1 mark
19	$3,500 \div 700 =$	<input type="text"/>	<input type="text"/> 1 mark
20	$\begin{array}{r} 869 \\ \times 74 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
21	$0.6 \times 12 =$	<input type="text"/>	<input type="text"/> 1 mark
22	$54.8 \div 1000 =$	<input type="text"/>	<input type="text"/> 1 mark
23	$0.47 = \frac{?}{1000}$	<input type="text"/>	<input type="text"/> 1 mark
24	$\frac{2}{3} + \frac{11}{12} =$	<input type="text"/>	<input type="text"/> 1 mark

25	$\begin{array}{r} 1,784 \\ \times \quad 36 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
26	32.97 + 0.099 =	<input type="text"/>	<input type="text"/> 1 mark
27	$\begin{array}{r} 5.498 \\ \times \quad 7 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
28	51.4 ÷ 4 =	<input type="text"/>	<input type="text"/> 1 mark
29	257.04 - 9.138 =	<input type="text"/>	<input type="text"/> 1 mark
30	$\frac{5}{7} \times 8 =$	<input type="text"/>	<input type="text"/> 1 mark
31	$27 \overline{)2751} =$	<input type="text"/>	<input type="text"/> 2 marks
32	$\frac{3}{4} \times \frac{3}{7} =$	<input type="text"/>	<input type="text"/> 1 mark

33	$12 + 7 \times 4 - 4 =$	<input type="text"/>	<input type="text"/> 1 mark
34	$1\frac{5}{6} \times 3 =$	<input type="text"/>	<input type="text"/> 1 mark
35	$\frac{1}{3} \div 5 =$	<input type="text"/>	<input type="text"/> 1 mark
36	$\frac{7}{4} - \frac{3}{10} =$	<input type="text"/>	<input type="text"/> 1 mark
37	$2\frac{1}{5} + 3\frac{2}{3} =$	<input type="text"/>	<input type="text"/> 1 mark

Mark scheme

- |     |  |     |     |   |     |
|-----|--|-----|-----|---|-----|
| 1.  | 385,000  | [1] | 20. | <i>For 2 marks:</i> 64,306  | [2] |
| 2.  | -4   | [1] |     | <i>For 1 mark:</i>  |     |
| 3.  | 1,280,491  | [1] |     | $\begin{array}{r} 869 \\ \times 74 \\ \hline 3476 \\ 60830 \\ \hline 64306 \end{array}$   |     |
| 4.  | 390,000  | [1] |     |   |     |
| 5.  | 22,712   | [1] |     | <i>An error in one row, then added correctly, or an error in the addition</i>             |     |
| 6.  | 276,195  | [1] | 21. | 7.2   | [1] |
| 7.  | 730 rem 4 or equivalent<br>e.g. $730\frac{1}{2}$ | [1] | 22. | 0.0548  | [1] |
| 8.  | 10,001   | [1] | 23. | $\frac{470}{1000}$  | [1] |
| 9.  | 40,000   | [1] | 24. | $1\frac{7}{12}$ or equivalent<br>e.g. $\frac{19}{12}$                                     | [1] |
| 10. | 440,000  | [1] | 25. | <i>For 2 marks:</i> 64,224  | [2] |
| 11. | $\frac{6}{20}$                                   | [1] |     | <i>For 1 mark:</i>  |     |
| 12. | 114  | [1] |     | $\begin{array}{r} 1784 \\ \times 36 \\ \hline 10704 \\ 53520 \\ \hline 64224 \end{array}$ |     |
| 13. | 72   | [1] |     | <i>An error in one row, then added correctly, or an error in the addition</i>             |     |
| 14. | 68   | [1] | 26. | 33.069  | [1] |
| 15. | 3,600  | [1] | 27. | 38.486  | [1] |
| 16. | 40   | [1] | 28. | 12.85   | [1] |
| 17. | 5,510  | [1] | 29. | 247.902   | [1] |
| 18. | 99,990   | [1] |     |   |     |
| 19. | 5  | [1] |     |   |     |

30.  $5\frac{5}{7}$  or equivalent [1]  
 e.g.  $\frac{40}{7}$

**Do not** accept unconventional mixed numbers e.g.  $1\frac{15}{8}$

31. For 2 marks: [2]  
 101 rem 24 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).

32.  $\frac{9}{28}$  or equivalent [1]

33. 36 [1]

34.  $5\frac{1}{2}$  or equivalent [1]  
 e.g.  $\frac{33}{6}$

**Do not** accept unconventional mixed numbers e.g.  $3\frac{15}{6}$

35.  $\frac{1}{15}$  or equivalent [1]

36.  $1\frac{9}{20}$  or equivalent [1]  
 e.g.  $\frac{29}{20}$

37.  $5\frac{13}{15}$  or equivalent [1]  
 e.g.  $\frac{88}{15}$

**Do not** accept unconventional mixed numbers e.g.  $4\frac{28}{15}$