

1	$494,009 + 10,000 + 10,000 =$	<input type="text"/>	<input type="text"/> 1 mark
2	$0.9 = \frac{?}{100}$	<input type="text"/>	<input type="text"/> 1 mark
3	$567,621 + 7,091 =$	<input type="text"/>	<input type="text"/> 1 mark
4	$7,082 \times 9 =$	<input type="text"/>	<input type="text"/> 1 mark
5	$\begin{array}{r} 500,679 \\ - 299,735 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
6	$? + 30,500 = 80,400$	<input type="text"/>	<input type="text"/> 1 mark
7	$7,643 \div 9 =$	<input type="text"/>	<input type="text"/> 1 mark
8	$3,600 \div 4 =$	<input type="text"/>	<input type="text"/> 1 mark

9	$-8 - 5 =$	<input type="text"/>	<input type="text"/> 1 mark
10	$36 + 22 \times 4 =$	<input type="text"/>	<input type="text"/> 1 mark
11	$60 \times 90 - 80 =$	<input type="text"/>	<input type="text"/> 1 mark
12	$48,000 \div 80 =$	<input type="text"/>	<input type="text"/> 1 mark
13	$\begin{array}{r} 91.37 \\ \times \quad 6 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
14	$94.37 + 8.184 =$	<input type="text"/>	<input type="text"/> 1 mark
15	$99,999 + 50 =$	<input type="text"/>	<input type="text"/> 1 mark
16	$30 \times 110 =$	<input type="text"/>	<input type="text"/> 1 mark

17	$3^2 + 2^3 + 5^2 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
18	$840,000 - 48,000 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
19	$60 \times 900 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
20	$300.01 \times 1000 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
21	$34.6 \div 100 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
22	$523.56 - 45.056 =$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark
23	$\begin{array}{r} 957 \\ \times 86 \\ \hline \end{array}$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 2 marks
24	$34\% = \frac{?}{50}$  <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto; margin-right: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin-left: auto; margin-right: auto;"></div> 1 mark

25	$100 - 26 \div 2 + 8 =$	<input type="text"/>	<input type="text"/> 1 mark
26	$76\% \text{ of } 60 =$	<input type="text"/>	<input type="text"/> 1 mark
27	$76.2 \div 5 =$	<input type="text"/>	<input type="text"/> 1 mark
28	$0.4 \times 11 =$	<input type="text"/>	<input type="text"/> 1 mark
29	$\frac{5}{6} + \frac{7}{12} =$	<input type="text"/>	<input type="text"/> 1 mark
30	$\begin{array}{r} 2,971 \\ \times \quad 38 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
31	$\frac{5}{8} \times 12 =$	<input type="text"/>	<input type="text"/> 1 mark
32	$42 \overline{)5675} =$	<input type="text"/>	<input type="text"/> 2 marks

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

Mark scheme

- |     |  |     |     |   |     |
|-----|--|-----|-----|---|-----|
| 1.  | 514,009  | [1] | 18. | 792,000   | [1] |
| 2.  | $\frac{90}{100}$                                 | [1] | 19. | 54,000  | [1] |
| 3.  | 574,712  | [1] | 20. | 300,010   | [1] |
| 4.  | 63,738   | [1] | 21. | 0.346   | [1] |
| 5.  | 200,944  | [1] | 22. | 478.504   | [1] |
| 6.  | 49,900   | [1] | 23. | For 2 marks: 82,302   | [2] |
| 7.  | 849 rem 2 or equivalent<br>e.g. $849\frac{2}{9}$ | [1] |     | For 1 mark:   |     |
| 8.  | 900  | [1] |     | $\begin{array}{r} 957 \\ \times 86 \\ \hline 5742 \\ 76560 \\ \hline 82302 \end{array}$ |     |
| 9.  | -13  | [1] |     | <i>An error in one row, then added correctly, or an error in the addition</i>           |     |
| 10. | 124  | [1] | 24. | $\frac{17}{50}$   | [1] |
| 11. | 5,320  | [1] | 25. | 95  | [1] |
| 12. | 600  | [1] | 26. | 45.6  | [1] |
| 13. | 548.22   | [1] | 27. | 15.24   | [1] |
| 14. | 102.554  | [1] | 28. | 4.4   | [1] |
| 15. | 100,049  | [1] | 29. | $1\frac{5}{12}$ or equivalent   | [1] |
| 16. | 3,300  | [1] |     | e.g. $\frac{17}{12}$  |     |
| 17. | 42   | [1] |     |   |     |

30. For 2 marks: 112,898 [2]

For 1 mark:

$$\begin{array}{r} 2971 \\ \times \quad 38 \\ \hline 23768 \\ \quad 89130 \\ \hline 112898 \end{array}$$

An error in one row, then added correctly, **or** an error in the addition

31.  $7\frac{1}{2}$  or equivalent [1]

e.g.  $\frac{60}{8}$

**Do not** accept unconventional mixed numbers e.g.  $6\frac{12}{8}$

32. For 2 marks: [2]

135 rem 5 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).

33.  $\frac{12}{25}$  or equivalent [1]

34.  $\frac{7}{12}$  or equivalent [1]

35.  $\frac{9}{20}$  [1]

36. 7 or equivalent [1]  
e.g.  $\frac{21}{3}$

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

37.  $2\frac{7}{12}$  or equivalent [1]

e.g.  $\frac{31}{12}$

**Do not** accept unconventional mixed numbers e.g.  $1\frac{19}{12}$