

1	$-9 + 15 =$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
2	$301,900 - 1,000 - 1,000 =$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
3	$888,777 + 55,555 =$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
4	$\begin{array}{r} 780,003 \\ - 279,154 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
5	$\begin{array}{r} 3092 \\ \times 7 \\ \hline \end{array}$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
6	$? + 58,100 = 63,000$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
7	$6,789 \div 7 =$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark
8	$40 \times 800 =$ <div style="border: 1px solid black; width: 150px; height: 30px; margin-left: auto;"></div>	<div style="border: 1px solid black; width: 40px; height: 30px; margin: 0 auto;"></div> 1 mark

9	$440,000 + 95,000 =$	<input type="text"/>	<input type="text"/> 1 mark
10	$9,900 - 2 =$	<input type="text"/>	<input type="text"/> 1 mark
11	$50 \times 120 =$	<input type="text"/>	<input type="text"/> 1 mark
12	$32,000 \div 80 =$	<input type="text"/>	<input type="text"/> 1 mark
13	$50 + 20 \times 33 =$	<input type="text"/>	<input type="text"/> 1 mark
14	$3,600 \div 4 + 90 =$	<input type="text"/>	<input type="text"/> 1 mark
15	$5,869.1 \times 100 =$	<input type="text"/>	<input type="text"/> 1 mark
16	$48,000 \div 400 =$	<input type="text"/>	<input type="text"/> 1 mark

17	$1^3 + 9^2 - 3^2 =$	<input type="text"/>	<input type="text"/> 1 mark
18	$45.6 \div 1000 =$	<input type="text"/>	<input type="text"/> 1 mark
19	$0.03 \times 7 =$	<input type="text"/>	<input type="text"/> 1 mark
20	$178.6 + 1.512 =$	<input type="text"/>	<input type="text"/> 1 mark
21	$\begin{array}{r} 93.78 \\ \times \quad 5 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
22	$\frac{1}{8} \times \frac{1}{6} =$	<input type="text"/>	<input type="text"/> 1 mark
23	$\frac{3}{4} - \frac{5}{12} =$	<input type="text"/>	<input type="text"/> 1 mark
24	$40 - 36 \div 3 + 5 =$	<input type="text"/>	<input type="text"/> 1 mark

25	$385.1 - 8.112 =$	<input type="text"/>	<input type="text"/> 1 mark
26	$\begin{array}{r} 497 \\ \times 83 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
27	$0.2 = \frac{?}{50}$	<input type="text"/>	<input type="text"/> 1 mark
28	$12\% = \frac{?}{25}$	<input type="text"/>	<input type="text"/> 1 mark
29	$\frac{5}{6} \times 8 =$	<input type="text"/>	<input type="text"/> 1 mark
30	$\begin{array}{r} 1,298 \\ \times 47 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
31	$98.8 \div 8 =$	<input type="text"/>	<input type="text"/> 1 mark
32	$34\% \text{ of } 460 =$	<input type="text"/>	<input type="text"/> 1 mark

33	$\frac{1}{5} \div 2 =$	<input type="text"/>	<input type="text"/> 1 mark
34	$\frac{2}{3} + \frac{3}{4} =$	<input type="text"/>	<input type="text"/> 1 mark
35	$34 \overline{)5869} =$	<input type="text"/>	<input type="text"/> 2 marks
36	$3\frac{5}{6} \times 4 =$	<input type="text"/>	<input type="text"/> 1 mark
37	$6\frac{1}{6} - 2\frac{1}{7} =$	<input type="text"/>	<input type="text"/> 1 mark

Mark scheme

- | | | | | | |
|-----|-------------------------|-----|-----|---|-----|
| 1. | 6 | [1] | 21. | 468.9 | [1] |
| 2. | 299,900 | [1] | 22. | $\frac{1}{48}$ | [1] |
| 3. | 944,332 | [1] | 23. | $\frac{1}{3}$ or equivalent | [1] |
| 4. | 500,849 | [1] | | e.g. $\frac{4}{12}$ | |
| 5. | 21,644 | [1] | 24. | 33 | [1] |
| 6. | 4,900 | [1] | 25. | 376.988 | [1] |
| 7. | 969 rem 6 or equivalent | [1] | 26. | For 2 marks: 41,251 | [2] |
| | e.g. $969\frac{6}{7}$ | | | For 1 mark: | |
| 8. | 32,000 | [1] | | $\begin{array}{r} 497 \\ \times 83 \\ \hline 1491 \\ \hline 39760 \\ \hline 41251 \end{array}$ | |
| 9. | 535,000 | [1] | | <i>An error in one row, then added correctly, or an error in the addition</i> | |
| 10. | 9,898 | [1] | 27. | $\frac{10}{50}$ | [1] |
| 11. | 6,000 | [1] | 28. | $\frac{3}{25}$ | [1] |
| 12. | 400 | [1] | 29. | $6\frac{2}{3}$ or equivalent | [1] |
| 13. | 710 | [1] | | e.g. $\frac{40}{6}$, $6\frac{4}{6}$ | |
| 14. | 990 | [1] | 30. | For 2 marks: 61,006 | [2] |
| 15. | 586,910 | [1] | | For 1 mark: | |
| 16. | 120 | [1] | | $\begin{array}{r} 1298 \\ \times 47 \\ \hline 9086 \\ \hline 51920 \\ \hline 61006 \end{array}$ | |
| 17. | 73 | [1] | | <i>An error in one row, then added correctly, or an error in the addition</i> | |
| 18. | 0.0456 | [1] | | | |
| 19. | 0.21 | [1] | | | |
| 20. | 180.112 | [1] | | | |

31. 12.35 [1]
32. 156.4 [1]
33. $\frac{1}{10}$ or equivalent [1]
34. $1\frac{5}{12}$ or equivalent [1]
e.g. $\frac{17}{12}$
35. For 2 marks: [2]
172 rem 21 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. $15\frac{1}{3}$ or equivalent [1]
e.g. $15\frac{2}{6}$
Do not accept unconventional mixed numbers e.g. $12\frac{20}{6}$
37. $4\frac{1}{42}$ or equivalent [1]
Do not accept unconventional mixed numbers e.g. $3\frac{43}{42}$