

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	$\begin{array}{r} 3092 \\ \times \quad 7 \\ \hline \end{array}$ <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	$1^3 + 9^2 - 3^2 =$ <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: 0 auto;"></div> 1 mark
18	$45.6 \div 1000 =$ <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: 0 auto;"></div> 1 mark
19	$0.03 \times 7 =$ <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: 0 auto;"></div> 1 mark
20	$178.6 + 1.512 =$ <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: 0 auto;"></div> 1 mark
21	$\begin{array}{r} 93.78 \\ \times \quad 5 \\ \hline \end{array}$ <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: 0 auto;"></div> 1 mark
22	$\frac{1}{8} \times \frac{1}{6} =$ <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: 0 auto;"></div> 1 mark
23	$\frac{3}{4} - \frac{5}{12} =$ <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: 0 auto;"></div> 1 mark
24	$40 - 36 \div 3 + 5 =$ <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: 0 auto;"></div> 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. $3\frac{43}{42}$