

1	$210,100 - 10,000 - 10,000 =$	<input type="text"/>	<input type="text"/> 1 mark
2	$- 20 + 17 =$	<input type="text"/>	<input type="text"/> 1 mark
3	$333,333 + 8,888 =$	<input type="text"/>	<input type="text"/> 1 mark
4	$3,621 \times 6 =$	<input type="text"/>	<input type="text"/> 1 mark
5	$\begin{array}{r} 804,307 \\ - 266,690 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
6	$250,000 - ? = 200,500$	<input type="text"/>	<input type="text"/> 1 mark
7	$9,727 \div 4 =$	<input type="text"/>	<input type="text"/> 1 mark
8	$24,000 \div 4 =$	<input type="text"/>	<input type="text"/> 1 mark

9	$230,000 + 90,000 =$	<input type="text"/>	<input type="text"/> 1 mark
10	$100,000 - 9 =$	<input type="text"/>	<input type="text"/> 1 mark
11	$700 \times 70 =$	<input type="text"/>	<input type="text"/> 1 mark
12	$72,000 \div 900 =$	<input type="text"/>	<input type="text"/> 1 mark
13	$12^2 + 7^2 - 5^3 =$	<input type="text"/>	<input type="text"/> 1 mark
14	$2.8 \div 100 =$	<input type="text"/>	<input type="text"/> 1 mark
15	$345 - 30 \times 4 =$	<input type="text"/>	<input type="text"/> 1 mark
16	$3,200 \div 8 + 120 =$	<input type="text"/>	<input type="text"/> 1 mark

17	$80 \times 70 \times 20 =$ <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	$88.51 \times 1000 =$ <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: 0 auto;"></div> 1 mark
19	$0.3 = ?\%$ <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	$65.71 + 1.296 =$ <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	$\begin{array}{r} 93.59 \\ \times \quad 7 \\ \hline \end{array}$ <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	$0.8 = \frac{?}{25}$ <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	$0.07 \times 8 =$ <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	$\begin{array}{r} 974 \\ \times 68 \\ \hline \end{array}$ <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> 2 marks

25	$3 + 7 \times 9 - 17 =$	<input type="text"/>	<input type="text"/> 1 mark
26	$524.1 - 8.508 =$	<input type="text"/>	<input type="text"/> 1 mark
27	$\frac{4}{5} \div 2 =$	<input type="text"/>	<input type="text"/> 1 mark
28	$98.52 \div 4 =$	<input type="text"/>	<input type="text"/> 1 mark
29	$\begin{array}{r} 2806 \\ \times 79 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
30	$\frac{3}{4} - \frac{5}{8} =$	<input type="text"/>	<input type="text"/> 1 mark
31	$71\% \text{ of } 80 =$	<input type="text"/>	<input type="text"/> 1 mark
32	$25 \overline{)8615} =$	<input type="text"/>	<input type="text"/> 2 marks

33	$\frac{3}{8} \times 7 =$	<input type="text"/>	<input type="checkbox"/> 1 mark
34	$\frac{3}{7} \times \frac{4}{5} =$	<input type="text"/>	<input type="checkbox"/> 1 mark
35	$\frac{2}{3} + \frac{4}{5} =$	<input type="text"/>	<input type="checkbox"/> 1 mark
36	$4\frac{3}{8} - 1\frac{1}{2} =$	<input type="text"/>	<input type="checkbox"/> 1 mark
37	$3\frac{5}{6} \times 7 =$	<input type="text"/>	<input type="checkbox"/> 1 mark

Mark scheme

1.	190,100	[1]	21.	655.13	[1]
2.	-3	[1]	22.	$\frac{20}{25}$	[1]
3.	342,221	[1]	23.	0.56	[1]
4.	21,726	[1]	24.	For 2 marks: 66,232	[2]
5.	537,617	[1]		For 1 mark:	
6.	49,500	[1]		$\begin{array}{r} 974 \\ \times \quad 68 \\ \hline 7792 \\ \\ \underline{58440} \\ \underline{66232} \end{array}$	
7.	2,431 r3 or equivalent e.g. 2,431.75	[1]			
8.	6,000	[1]		<i>An error in one row, then added correctly, or an error in the addition</i>	
9.	320,000	[1]	25.	49	[1]
10.	99,991	[1]	26.	515.592	[1]
11.	49,000	[1]	27.	$\frac{2}{5}$ or equivalent	[1]
12.	80	[1]	28.	24.63	[1]
13.	68	[1]	29.	For 2 marks: 221,674	[2]
14.	0.028	[1]		For 1 mark:	
15.	225	[1]		$\begin{array}{r} 2806 \\ \times \quad 79 \\ \hline 25254 \\ \\ \underline{196420} \\ \underline{221674} \end{array}$	
16.	520	[1]			
17.	112,000	[1]		<i>An error in one row, then added correctly, or an error in the addition</i>	
18.	88,510	[1]	30.	$\frac{1}{8}$ or equivalent	[1]
19.	30%	[1]	31.	56.8	[1]
20.	67.006	[1]			

32. For 2 marks: [2]

344 rem 15 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. $2\frac{5}{8}$ or equivalent [1]

e.g. $\frac{21}{8}$

34. $\frac{12}{35}$ or equivalent [1]

35. $1\frac{7}{15}$ or equivalent [1]

e.g. $\frac{22}{15}$

36. $2\frac{7}{8}$ or equivalent [1]

e.g. $\frac{23}{8}$

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

37. $26\frac{5}{6}$ or equivalent [1]

e.g. $\frac{161}{6}$

Do not accept unconventional mixed numbers e.g. $21\frac{35}{6}$