

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

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

17	$3^2 + 2^3 + 5^2 =$		 1 mark
18	$840,000 - 48,000 =$		 1 mark
19	$60 \times 900 =$		 1 mark
20	$300.01 \times 1000 =$		 1 mark
21	$34.6 \div 100 =$		 1 mark
22	$523.56 - 45.056 =$		 1 mark
23	$\begin{array}{r} 957 \\ \times 86 \\ \hline \end{array}$		 2 marks
24	$34\% = \frac{?}{50}$		 1 mark

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

33	$\frac{3}{5} \times \frac{4}{5} =$		 1 mark
34	$\frac{7}{6} \div 2 =$		 1 mark
35	$\frac{3}{4} - \frac{3}{10} =$		 1 mark
36	$2\frac{1}{3} \times 3 =$		 1 mark
37	$3\frac{5}{6} - 1\frac{1}{4} =$		 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 e.g. $849\frac{2}{9}$	[1]		For 1 mark: $\begin{array}{r} 957 \\ \times 86 \\ \hline 5742 \\ 76560 \\ \hline 82302 \end{array}$	
8.	900	[1]		An error in one row, then added correctly, or an error in the addition	
9.	-13	[1]	24.	$\frac{17}{50}$	[1]
10.	124	[1]	25.	95	[1]
11.	5,320	[1]	26.	45.6	[1]
12.	600	[1]	27.	15.24	[1]
13.	548.22	[1]	28.	4.4	[1]
14.	102.554	[1]	29.	$1\frac{5}{12}$ or equivalent	[1]
15.	100,049	[1]		e.g. $\frac{17}{12}$	
16.	3,300	[1]			
17.	42	[1]			

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

For 1 mark:

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

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. $1\frac{19}{12}$