

1	$16 - 20 =$		 1 mark
2	$236 - 30 \times 6 =$		 1 mark
3	$368,701 + 10,000 + 10,000 =$		 1 mark
4	$2,954 \times 9 =$		 1 mark
5	$8,253 \div 4 =$		 1 mark
6	$3,300 \div 30 =$		 1 mark
7	$328,088 + 75,253 =$		 1 mark
8	$42,000 \div 70 =$		 1 mark

9	$\frac{1}{7} \times \frac{1}{3} =$		 1 mark
10	$\begin{array}{r} 75.83 \\ \times \quad 5 \\ \hline \end{array}$		 1 mark
11	$56.97 + 8.152 =$		 1 mark
12	$99,999 + 200 =$		 1 mark
13	$1^3 + 2^3 + 4^2 =$		 1 mark
14	$600 \times 40 =$		 1 mark
15	$99,999 - 5,000 =$		 1 mark
16	$\begin{array}{r} 636,342 \\ - 217,838 \\ \hline \end{array}$		 1 mark

17	$444,005 - ? = 22,006$		 1 mark
18	$6.3 \div 100 =$		 1 mark
19	$0.3 \times 12 =$		 1 mark
20	$340.27 - 3.905 =$		 1 mark
21	$80 \times 120 =$		 1 mark
22	$238.1 \times 1000 =$		 1 mark
23	$50 \times 80 - 40 =$		 1 mark
24	$8 + 7 \times 3 - 4 =$		 1 mark

25	$\begin{array}{r} 476 \\ \times 83 \\ \hline \end{array}$		 2 marks
26	$\frac{2}{3} + \frac{5}{12} =$		 1 mark
27	$\frac{5}{8} \times 9 =$		 1 mark
28	$\begin{array}{r} 3678 \\ \times 29 \\ \hline \end{array}$		 2 marks
29	$42.3 \div 5 =$		 1 mark
30	$36 \overline{)7521} =$		 2 marks
31	$\frac{5}{4} - \frac{5}{6} =$		 1 mark
32	$5\% = \frac{?}{20}$		 1 mark

33	42% of 90 =		 1 mark
34	$\frac{6}{7} \div 2 =$		 1 mark
35	$0.6 = \frac{?}{20}$		 1 mark
36	$3\frac{1}{8} - \frac{1}{4} =$		 1 mark
37	$2\frac{2}{5} \times 4 =$		 1 mark

Mark scheme

1.	-4	[1]	21.	9,600	[1]
2.	56	[1]	22.	238,100	[1]
3.	388,701	[1]	23.	3,960	[1]
4.	26,586	[1]	24.	25	[1]
5.	2,063 rem 1 or equivalent e.g. 2,063.25	[1]	25.	For 2 marks: 39,508 For 1 mark: $\begin{array}{r} 476 \\ \times 83 \\ \hline 1428 \\ 38080 \\ \hline 39508 \end{array}$ An error in one row, then added correctly, or an error in the addition	[2]
6.	110	[1]	26.	$1\frac{1}{12}$ or equivalent e.g. $\frac{13}{12}$	[1]
7.	403,341	[1]	27.	$5\frac{5}{8}$ or equivalent e.g. $\frac{45}{8}$ Do not accept unconventional mixed numbers e.g. $4\frac{13}{8}$	[1]
8.	600	[1]	28.	For 2 marks: 106,662 For 1 mark: $\begin{array}{r} 3678 \\ \times 29 \\ \hline 33102 \\ 73560 \\ \hline 106662 \end{array}$ An error in one row, then added correctly, or an error in the addition	[2]
9.	$\frac{1}{21}$	[1]	29.	8.46	[1]
10.	379.15	[1]			
11.	65.122	[1]			
12.	100,199	[1]			
13.	25 Accept 5^2	[1]			
14.	24,000	[1]			
15.	94,999	[1]			
16.	418,504	[1]			
17.	421,999	[1]			
18.	0.063	[1]			
19.	3.6	[1]			
20.	336.365	[1]			

30. For 2 marks: [2]
208 rem 33 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).

31. $\frac{5}{12}$ or equivalent [1]

32. $\frac{1}{20}$ [1]

33. 37.8 [1]

34. $\frac{3}{7}$ [1]

35. $\frac{12}{20}$ [1]

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. $9\frac{3}{5}$ or equivalent [1]

e.g. $\frac{48}{5}$

Do not accept unconventional

mixed numbers e.g. $8\frac{8}{5}$