

1	$468,888 + 1,000 + 1,000 =$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
2	$675,555 + 987 =$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
3	$\begin{array}{r} 2,716 \\ \times \quad 7 \\ \hline \end{array}$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
4	$121,010 - ? = 111,005$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
5	$\begin{array}{r} 725,305 \\ - 359,619 \\ \hline \end{array}$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
6	$1,571 \div 7 =$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
7	$-12 - 5 =$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark
8	$4,200 \div 7 =$  <div style="text-align: right; margin-right: 50px;"><input type="text"/></div>	<input type="text"/> 1 mark

9	$40 \times 90 - 50 =$	<input type="text"/>	<input type="text"/> 1 mark
10	$820,000 - 405,000 =$	<input type="text"/>	<input type="text"/> 1 mark
11	$4,500 \div 300 =$	<input type="text"/>	<input type="text"/> 1 mark
12	$310 - 4 \times 60 =$	<input type="text"/>	<input type="text"/> 1 mark
13	$777,999 + 12 =$	<input type="text"/>	<input type="text"/> 1 mark
14	$40 \times 120 =$	<input type="text"/>	<input type="text"/> 1 mark
15	$500 \times 60 =$	<input type="text"/>	<input type="text"/> 1 mark
16	$4.11 \times 1000 =$	<input type="text"/>	<input type="text"/> 1 mark

17	$162.4 \div 100 =$	<input type="text"/>	<input type="text"/> 1 mark
18	$\frac{1}{3} \times \frac{1}{8} =$	<input type="text"/>	<input type="text"/> 1 mark
19	$0.6 = \frac{?}{50}$	<input type="text"/>	<input type="text"/> 1 mark
20	$0.8 \times 8 =$	<input type="text"/>	<input type="text"/> 1 mark
21	$\begin{array}{r} 487 \\ \times 39 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
22	$80\% = \frac{?}{20}$	<input type="text"/>	<input type="text"/> 1 mark
23	$2^3 + 3^2 + 11^2 =$	<input type="text"/>	<input type="text"/> 1 mark
24	$22.872 + 5.6 =$	<input type="text"/>	<input type="text"/> 1 mark

25	$30 + 6 \times 2 - 5 =$	<input type="text"/>	<input type="text"/> 1 mark
26	$\begin{array}{r} 82.99 \\ \times \quad 9 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 1 mark
27	$481.8 - 9.394 =$	<input type="text"/>	<input type="text"/> 1 mark
28	$\begin{array}{r} 3196 \\ \times \quad 48 \\ \hline \end{array}$	<input type="text"/>	<input type="text"/> 2 marks
29	$60.4 \div 8 =$	<input type="text"/>	<input type="text"/> 1 mark
30	$43 \overline{)9875} =$	<input type="text"/>	<input type="text"/> 2 marks
31	$\frac{3}{4} + \frac{7}{12} =$	<input type="text"/>	<input type="text"/> 1 mark
32	$\frac{5}{6} \times 7 =$	<input type="text"/>	<input type="text"/> 1 mark

33	$\frac{7}{3} - \frac{4}{5} =$	<input type="text"/>	<input type="text"/> 1 mark
34	98% of 240 =	<input type="text"/>	<input type="text"/> 1 mark
35	$\frac{1}{3} \div 3 =$	<input type="text"/>	<input type="text"/> 1 mark
36	$4\frac{1}{3} \times 4 =$	<input type="text"/>	<input type="text"/> 1 mark
37	$2\frac{3}{5} + 1\frac{4}{7} =$	<input type="text"/>	<input type="text"/> 1 mark

Mark scheme

- |     |  |     |     |  |     |
|-----|--|-----|-----|--|-----|
| 1.  | 470,888  | [1] | 21. | For 2 marks: 18,993  | [2] |
| 2.  | 676,542  | [1] |     | For 1 mark:  |     |
| 3.  | 19,012   | [1] |     | $\begin{array}{r} 487 \\ \times 39 \\ \hline 4383 \\ 14610 \\ \hline 18993 \end{array}$  |     |
| 4.  | 10,005   | [1] |     |  |     |
| 5.  | 365,686  | [1] |     | <i>An error in one row, then added correctly, or an error in the addition</i>  |     |
| 6.  | 224 r 3 or equivalent<br>e.g. $224\frac{3}{7}$ | [1] | 22. | $\frac{16}{20}$  | [1] |
| 7.  | -17  | [1] | 23. | 138  | [1] |
| 8.  | 600  | [1] | 24. | 28.472   | [1] |
| 9.  | 3,550  | [1] | 25. | 37   | [1] |
| 10. | 415,000  | [1] | 26. | 746.91   | [1] |
| 11. | 15   | [1] | 27. | 472.406  | [1] |
| 12. | 70   | [1] | 28. | For 2 marks: 153,408   | [2] |
| 13. | 778,011  | [1] |     | For 1 mark:  |     |
| 14. | 4,800  | [1] |     | $\begin{array}{r} 3196 \\ \times 48 \\ \hline 25568 \\ 127840 \\ \hline 153408 \end{array}$  |     |
| 15. | 30,000   | [1] |     | <i>An error in one row, then added correctly, or an error in the addition</i>  |     |
| 16. | 4,110  | [1] | 29. | 7.55   | [1] |
| 17. | 1.624  | [1] | 30. | For 2 marks:   | [2] |
| 18. | $\frac{1}{24}$                                 | [1] |     | 229 rem 28 or equivalent   |     |
| 19. | $\frac{30}{50}$                                | [1] |     | For 1 mark:  |     |
| 20. | 6.4  | [1] |     | Evidence of either long division or short division method with only one error (carry figures must be seen in a short division method). |     |

31.  $1\frac{1}{3}$  or equivalent [1]

e.g.  $\frac{16}{12}$ ,  $1\frac{4}{12}$

32.  $5\frac{5}{6}$  or equivalent [1]

e.g.  $\frac{35}{6}$

33.  $1\frac{8}{15}$  or equivalent [1]

e.g.  $\frac{23}{15}$

34. 235.2 [1]

35.  $\frac{1}{9}$  [1]

36.  $17\frac{1}{3}$  or equivalent [1]

e.g.  $\frac{52}{3}$

*Do not accept unconventional mixed numbers e.g.  $16\frac{4}{3}$*

37.  $4\frac{6}{35}$  or equivalent [1]

e.g.  $\frac{146}{35}$

*Do not accept unconventional mixed numbers e.g.  $3\frac{41}{35}$*