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

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

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

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

| | | | |
|----|--------------------------------|----------------------|--------------------------------|
| 33 | 42% of 90 = | <input type="text"/> | <input type="text"/> 1 mark |
| 34 | $\frac{6}{7} \div 2 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 35 | $0.6 = \frac{?}{20}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 36 | $3\frac{1}{8} - \frac{1}{4} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 37 | $2\frac{2}{5} \times 4 =$ | <input type="text"/> | <input type="text"/> 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: $\begin{array}{r} 476 \\ \times 83 \\ \hline 1428 \\ 38080 \\ \hline 39508 \end{array}$ | [2] |
| 6. | 110 | [1] | | | |
| 7. | 403,341 | [1] | | | |
| 8. | 600 | [1] | | | <i>An error in one row, then added correctly, or an error in the addition</i> |
| 9. | $\frac{1}{21}$ | [1] | 26. | $1\frac{1}{12}$ or equivalent e.g. $\frac{13}{12}$ | [1] |
| 10. | 379.15 | [1] | | | |
| 11. | 65.122 | [1] | | | |
| 12. | 100,199 | [1] | 27. | $5\frac{5}{8}$ or equivalent e.g. $\frac{45}{8}$ | [1] |
| 13. | 25 <i>Accept 5²</i> | [1] | | | <i>Do not accept unconventional mixed numbers e.g. $4\frac{13}{8}$</i> |
| 14. | 24,000 | [1] | 28. | For 2 marks: 106,662 For 1 mark: $\begin{array}{r} 3678 \\ \times 29 \\ \hline 33102 \\ 73560 \\ \hline 106662 \end{array}$ | [2] |
| 15. | 94,999 | [1] | | | <i>An error in one row, then added correctly, or an error in the addition</i> |
| 16. | 418,504 | [1] | 29. | 8.46 | [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. $8\frac{8}{5}$