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|---|--|--------------------------------|
| 1 | $13 - 17 =$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 2 | $\begin{array}{r} 804,456 \\ + 298,792 \\ \hline \end{array}$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 3 | $601,600 - 1,000 - 1,000 =$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 4 | $801,821 - 16,927 =$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 5 | $\begin{array}{r} 1,993 \\ \times \quad 6 \\ \hline \end{array}$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 6 | $300,001 - ? = 200,002$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 7 | $8,954 \div 6 =$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |
| 8 | $360 - 50 \times 7 =$ <div style="text-align: right; margin-right: 50px;"><input type="text"/></div> | <input type="text"/> 1 mark |

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|----|--|----------------------|--------------------------------|
| 9 | $300 \times 70 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 10 | $36,000 \div 9 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 11 | $10,000 - 30 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 12 | $9^2 + 8^2 - 3^3 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 13 | $120 \times 400 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 14 | $15,000 \div 500 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 15 | $3,600 \div 9 + 40 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 16 | $\begin{array}{r} 8.079 \\ \times \quad 6 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 1 mark |

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|----|---|----------------------|---------------------------------|
| 17 | $560,000 + 450,000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 18 | $9.3 \div 100 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 19 | $4,560.05 \times 1000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 20 | $291.6 + 1.994 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 21 | $460.405 - 9.5 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 22 | $2 + 7 \times 7 - 10 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 23 | $\begin{array}{r} 568 \\ \times 92 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 2 marks |
| 24 | $\frac{2}{3} - \frac{5}{12} =$ | <input type="text"/> | <input type="text"/> 1 mark |

| | | | |
|----|--|----------------------|---------------------------------|
| 25 | $\frac{2}{5} \div 2 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 26 | $0.1 = \frac{?}{50}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 27 | $0.04 \times 12 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 28 | $\begin{array}{r} 1782 \\ \times 68 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 2 marks |
| 29 | $37.2 \div 6 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 30 | $96\% = \frac{?}{25}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 31 | $55\% \text{ of } 46 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 32 | $44 \overline{)5715} =$ | <input type="text"/> | <input type="text"/> 2 marks |

| | | | |
|----|------------------------------------|----------------------|--------------------------------|
| 33 | $\frac{2}{5} + \frac{5}{9} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 34 | $\frac{3}{4} \times \frac{6}{7} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 35 | $3\frac{1}{2} + 1\frac{7}{9} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 36 | $\frac{4}{5} \times 8 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 37 | $2\frac{4}{7} \times 3 =$ | <input type="text"/> | <input type="text"/> 1 mark |

Mark scheme

| | | | | | |
|-----|---|-----|-----|--|-----|
| 1. | -4 | [1] | 21. | 450.905 | [1] |
| 2. | 1,103,248 | [1] | 22. | 41 | [1] |
| 3. | 599,600 | [1] | 23. | For 2 marks: 52,256 | [2] |
| 4. | 784,894 | [1] | | For 1 mark: | |
| 5. | 11,958 | [1] | | $\begin{array}{r} 568 \\ \times 92 \\ \hline 1136 \end{array}$ | |
| 6. | 99,999 | [1] | | $\begin{array}{r} 51120 \\ \hline 52256 \end{array}$ | |
| 7. | 1,492 r2 or equivalent e.g. 1,492. $\dot{3}$ | [1] | | <i>An error in one row, then added correctly, or an error in the addition</i> | |
| 8. | 10 | [1] | 24. | $\frac{1}{4}$ or equivalent | [1] |
| 9. | 21,000 | [1] | | e.g. $\frac{3}{12}$ | |
| 10. | 4,000 | [1] | 25. | $\frac{1}{5}$ or equivalent | [1] |
| 11. | 9,970 | [1] | 26. | $\frac{5}{50}$ | [1] |
| 12. | 118 | [1] | 27. | 0.48 | [1] |
| 13. | 48,000 | [1] | 28. | For 2 marks: 121,176 | [2] |
| 14. | 30 | [1] | | For 1 mark: | |
| 15. | 440 | [1] | | $\begin{array}{r} 1782 \\ \times 68 \\ \hline 14256 \end{array}$ | |
| 16. | 48.474 | [1] | | $\begin{array}{r} 106920 \\ \hline 121176 \end{array}$ | |
| 17. | 1,010,000 | [1] | | <i>An error in one row, then added correctly, or an error in the addition</i> | |
| 18. | 0.093 | [1] | 29. | 6.2 | [1] |
| 19. | 4,560,050 | [1] | 30. | $\frac{24}{25}$ | [1] |
| 20. | 293.594 | [1] | | | |

31. 25.3 [1]

32. For 2 marks: [2]
129 rem 39 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. $\frac{43}{45}$ or equivalent [1]

34. $\frac{9}{14}$ or equivalent [1]
e.g. $\frac{18}{28}$

35. $5\frac{5}{18}$ or equivalent [1]

e.g. $\frac{95}{18}$

Do not accept unconventional

mixed numbers e.g. $4\frac{23}{18}$

36. $6\frac{2}{5}$ or equivalent [1]

e.g. $\frac{32}{5}$

Do not accept unconventional

mixed numbers e.g. $5\frac{7}{5}$

37. $7\frac{5}{7}$ or equivalent [1]

e.g. $\frac{54}{7}$

Do not accept unconventional

mixed numbers e.g. $6\frac{12}{7}$