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|---|------------------------------------------------------------------|----------------------|--------------------------------|
| 1 | $468,888 + 1,000 + 1,000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 2 | $675,555 + 987 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 3 | $\begin{array}{r} 2,716 \\ \times \quad 7 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 4 | $121,010 - ? = 111,005$ | <input type="text"/> | <input type="text"/> 1 mark |
| 5 | $\begin{array}{r} 725,305 \\ - 359,619 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 6 | $1,571 \div 7 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 7 | $-12 - 5 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 8 | $4,200 \div 7 =$ | <input type="text"/> | <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"/> 1 mark |
| 26 | $\begin{array}{r} 82.99 \\ \times \quad 9 \\ \hline \end{array}$ | <input type="text"/> 1 mark |
| 27 | $481.8 - 9.394 =$ | <input type="text"/> 1 mark |
| 28 | $\begin{array}{r} 3196 \\ \times \quad 48 \\ \hline \end{array}$ | <input type="text"/> 2 marks |
| 29 | $60.4 \div 8 =$ | <input type="text"/> 1 mark |
| 30 | $43 \overline{)9875} =$ | <input type="text"/> 2 marks |
| 31 | $\frac{3}{4} + \frac{7}{12} =$ | <input type="text"/> 1 mark |
| 32 | $\frac{5}{6} \times 7 =$ | <input type="text"/> 1 mark |

| | | | |
|----|---------------------------------|----------------------|------------------------------------|
| 33 | $\frac{7}{3} - \frac{4}{5} =$ | <input type="text"/> | <input type="checkbox"/> 1 mark |
| 34 | 98% of 240 = | <input type="text"/> | <input type="checkbox"/> 1 mark |
| 35 | $\frac{1}{3} \div 3 =$ | <input type="text"/> | <input type="checkbox"/> 1 mark |
| 36 | $4\frac{1}{3} \times 4 =$ | <input type="text"/> | <input type="checkbox"/> 1 mark |
| 37 | $2\frac{3}{5} + 1\frac{4}{7} =$ | <input type="text"/> | <input type="checkbox"/> 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] | | An error in one row, then added correctly, or an error in the addition | |
| 6. | 224 r 3 or equivalent 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. | 788,011 | [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] | | An error in one row, then added correctly, or an error in the addition | |
| 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. $3\frac{41}{35}$