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|---|---|----------------------|--------------------------------|
| 1 | $495 + 1 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 2 | $345 + 10 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 3 | $82 \times 1 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 4 | $\frac{1}{5}$ of 20 = | <input type="text"/> | <input type="text"/> 1 mark |
| 5 | $36 \times 0 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 6 | $\begin{array}{r} 5813 \\ + 1359 \\ \hline \end{array}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 7 | $87 \div 3 =$ | <input type="text"/> | <input type="text"/> 1 mark |

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|----|--------------------------|----------------------|--------------------------------|
| 8 | $424 - 51 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 9 | $5^2 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 10 | $12 \times 5 \times 4 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 11 | $729 \times 4 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 12 | $5\% = \frac{?}{100}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 13 | $7624 - 931 - 87 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 14 | $2.6 \times 10 =$ | <input type="text"/> | <input type="text"/> 1 mark |

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| 15 | $0.3 \times 3 =$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 1 mark |
| 16 | $\frac{1}{7} = \frac{?}{21}$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 1 mark |
| 17 | $36.4 - 27.8 =$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 1 mark |
| 18 | $15\% \text{ of } 90 =$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 1 mark |
| 19 | $\begin{array}{r} 729 \\ \times \underline{54} \\ \hline \end{array}$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 2 marks |
| 20 | $\frac{7}{9} \text{ of } 45 =$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 1 mark |
| 21 | $221 \div 17 =$ <div style="text-align: right; margin-right: 50px;"><input style="width: 100px; height: 20px;" type="text"/></div> | <input style="width: 40px; height: 20px;" type="text"/> 2 marks |

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|----|------------------------------------|----------------------|--------------------------------|
| 22 | $23.8 \div 1000 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 23 | $63.6 \times 7 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 24 | $\frac{5}{6} - \frac{2}{3} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 25 | $0.6 = \frac{?}{20}$ | <input type="text"/> | <input type="text"/> 1 mark |
| 26 | $\frac{4}{7} \div 2 =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 27 | $\frac{1}{4} \times \frac{3}{7} =$ | <input type="text"/> | <input type="text"/> 1 mark |
| 28 | $2\frac{1}{8} - \frac{1}{4} =$ | <input type="text"/> | <input type="text"/> 1 mark |

Mark scheme

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|-----|-------------------------|-----|-----|--|-----|
| 1. | 496 | [1] | 19. | For 2 marks: 39 366 | [2] |
| 2. | 355 | [1] | | For 1 mark: | |
| 3. | 82 | [1] | | $\begin{array}{r} 729 \\ \times 54 \\ \hline 2916 \\ 36450 \\ \hline 39366 \end{array}$ | |
| 4. | 4 | [1] | | | |
| 5. | 0 | [1] | | An error in one row, then added correctly, or an error in the addition | |
| 6. | 7172 | [1] | 20. | 35 | [1] |
| 7. | 29 | [1] | 21. | For 2 marks: 13 | [2] |
| 8. | 373 | [1] | | For 1 mark: Evidence of either a long division method or short division method with only one error (carry figures must be seen in a short division method) | |
| 9. | 25 | [1] | 22. | 0.0238 | [1] |
| 10. | 240 | [1] | 23. | 445.2 | [1] |
| 11. | 2916 | [1] | 24. | $\frac{1}{6}$ | [1] |
| 12. | 5 | [1] | 25. | 12 | [1] |
| 13. | 6606 | [1] | 26. | $\frac{2}{7}$ | [1] |
| 14. | 26 | [1] | 27. | $\frac{3}{28}$ | [1] |
| 15. | 0.9 | [1] | 28. | $1\frac{7}{8}$ | [1] |
| 16. | 3 | [1] | | | |
| 17. | 8.6 | [1] | | | |
| 18. | 13.5 or $13\frac{1}{2}$ | [1] | | | |