## Practice Paper 2 Mark Scheme

|  | Question | Answer | Mark | Additional Guidance |
| :---: | :---: | :---: | :---: | :---: |
| 1 | $28+584$ | 612 | 1m |  |
| 2 | $\frac{8}{13}-\frac{5}{13}$ | $\frac{3}{13}$ | 1 m | Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. |
| 3 | $2 \times 65$ | 130 | 1 m |  |
| 4 | $451 \times 1$ | 451 | 1 m |  |
| 5 | $77 \div 11$ | 7 | 1 m |  |
| 6 | $10 \times 4 \times 3$ | 120 | 1 m |  |
| 7 | 6,034-402 | 5,632 | 1 m |  |
| 8 | $7^{2}-10$ | 39 | 1 m |  |
| 9 | $27.04+34.5$ | 61.54 | 1 m |  |
| 10 | ? - 10=791 | 801 | 1 m |  |
| 11 | $210 \div 7$ | 30 | 1 m |  |
| 12 | 7,200 $\div 8$ | 900 | 1 m |  |
| 13 | $125 \div 25$ | 5 | 1 m |  |
| 14 | $?=6,376-416$ | 5,960 | 1 m |  |
| 15 | $\begin{aligned} & 1,040,900=1,000,000+ \\ & 40,000+? \end{aligned}$ | 900 | 1 m |  |
| 16 | 10-0.4 | 9.6 | 1 m |  |
| 17 | $\frac{3}{11}+\frac{7}{33}$ | $\frac{16}{33}$ | 1 m | Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. |
| 18 | $4 \div 100$ | 0.04 | 1 m | Accept equivalent fractions. |
| 19 | $\frac{2}{3} \text { of } 900$ | 600 | 1m |  |
| 20 | $419 \times 24$ | 10,056 | 2 m | Working must be carried through to reach a final answer for the award of ONE mark. <br> Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens. |
| 21 | 30\% of 1,500 | 450 | 1 m | Do not accept answers with the percentage symbol. |


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| 22 | $1,092 \div 39$ | 28 | 2 m | Working must be carried through to reach a final answer for the award of ONE mark. Short division methods must be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm and be a complete method. The carrying figure must be less than the divisor. |
| 23 | $0.05 \times 18$ | 0.9 | 1 m |  |
| 24 | $\frac{1}{2}+\frac{2}{15}$ | $\frac{19}{30}$ | 1 m | Accept equivalent fractions or the exact decimal equivalent. |
| 25 | $1 \frac{2}{2}+\frac{3}{4}$ | $2 \frac{1}{4}$ | 1 m | Accept equivalent mixed numbers, fractions or the exact decimal equivalent. |
| 26 | 5-4.228 | 0.772 | 1 m |  |
| 27 | $8.1 \times 40$ | 324 | 1 m |  |
| 28 | $1 \frac{2}{5}-\frac{3}{10}$ | $1 \frac{1}{10}$ | 1 m | Accept equivalent fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. |
| 29 | $6,197 \times 49$ | 303,653 | 2 m | Working must be carried through to reach a final answer for the award of ONE mark. <br> Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens. |
| 30 | 95\% of 360 | 342 | 1 m | Do not accept answers with the percentage symbol. |
| 31 | $\frac{1}{2} \div 3$ | $\frac{1}{6}$ | 1 m | Accept equivalent fractions or the exact decimal equivalent. |
| 32 | $7^{2}-24 \div 4$ | 43 | 1 m |  |
| 33 | $1 \frac{1}{4} \times 20$ | 25 | 1 m | Do not accept unsimplified equivalent fractions. |
| 34 | $31 \%$ of 450 | 139.5 | 1 m | Do not accept answers with the percentage symbol. |
| 35 | $7 \frac{1}{5}-4 \frac{4}{7}$ | $2 \frac{22}{35}$ | 1 m | Accept equivalent mixed numbers, fractions or an exact decimal equivalent (accept any unambiguous indication of the recurring digits). Do not accept rounded or truncated decimals. |
| 36 | $5,166 \div 82$ | 63 | 2 m | Working must be carried through to reach a final answer for the award of ONE mark. Short division methods must be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm and be a complete method. The carrying figure must be less than the divisor. |

