

Name

Date



4 DIGIT ADDITION CHALLENGE 2

Work out the missing numbers in these 4-digit additions.

$$\begin{array}{r} 1) \quad \begin{array}{|c|c|c|c|} \hline 4 & 8 & 3 & 6 \\ \hline + & 1 & & 2 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 3 & & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 2) \quad \begin{array}{|c|c|c|c|} \hline & 9 & 0 & \\ \hline + & 2 & 5 & 6 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline 4 & & 8 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 3) \quad \begin{array}{|c|c|c|c|} \hline 7 & & 3 & 4 \\ \hline + & & 3 & 9 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline 9 & 9 & & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 4) \quad \begin{array}{|c|c|c|c|} \hline & 5 & 2 & 5 \\ \hline + & & & 3 \\ \hline & & & 6 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 2 & 7 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 5) \quad \begin{array}{|c|c|c|c|} \hline 3 & 6 & 2 & \\ \hline + & 2 & & 6 \\ \hline & & & 3 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & & 2 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 6) \quad \begin{array}{|c|c|c|c|} \hline 8 & 2 & & 4 \\ \hline + & & 6 & 8 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & & 5 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 7) \quad \begin{array}{|c|c|c|c|} \hline 4 & 5 & & 8 \\ \hline + & & 9 & 4 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline 7 & & 8 & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 8) \quad \begin{array}{|c|c|c|c|} \hline & 0 & 8 & \\ \hline + & 5 & & 7 \\ \hline & & & 2 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 2 & 5 & 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 9) \quad \begin{array}{|c|c|c|c|} \hline & 8 & & 1 \\ \hline + & 4 & & 8 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & 3 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 10) \quad \begin{array}{|c|c|c|c|} \hline 5 & & 7 & 2 \\ \hline + & 2 & 0 & 5 \\ \hline + & & 5 & 0 \\ \hline & & & 3 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & 2 & 2 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 11) \quad \begin{array}{|c|c|c|c|} \hline & 1 & 4 & \\ \hline + & 1 & 6 & 5 \\ \hline + & 2 & & 1 \\ \hline & & & 7 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & 6 & 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 12) \quad \begin{array}{|c|c|c|c|} \hline & 6 & 1 & 8 \\ \hline + & 2 & 2 & 4 \\ \hline + & 5 & & 4 \\ \hline & & & 9 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 2 & 2 & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13) \quad \begin{array}{|c|c|c|c|} \hline 7 & 2 & & 6 \\ \hline + & 4 & & 7 \\ \hline + & 2 & 6 & 0 \\ \hline & & & 7 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & & 0 & 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 14) \quad \begin{array}{|c|c|c|c|} \hline 6 & 1 & & 9 \\ \hline + & & 7 & 1 \\ \hline + & 3 & 5 & 5 \\ \hline & & & 3 \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 2 & & 2 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 15) \quad \begin{array}{|c|c|c|c|} \hline 9 & & 4 & 8 \\ \hline + & 4 & 8 & 6 \\ \hline + & & 4 & 8 \\ \hline & & & \\ \hline & & & \\ \hline \end{array} \\ \hline \begin{array}{|c|c|c|c|} \hline & 1 & 6 & 4 \\ \hline \end{array} \end{array}$$



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4 DIGIT ADDITION CHALLENGE 2 ANSWERS

$$\begin{array}{r} 1) \quad \begin{array}{|c|c|c|c|} \hline 4 & 8 & 3 & 6 \\ \hline + & 1 & 5 & 2 & 8 \\ \hline 6 & 3 & 6 & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 2) \quad \begin{array}{|c|c|c|c|} \hline 1 & 9 & 0 & 5 \\ \hline + & 2 & 5 & 7 & 6 \\ \hline 4 & 4 & 8 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 3) \quad \begin{array}{|c|c|c|c|} \hline 7 & 5 & 3 & 4 \\ \hline + & 2 & 3 & 9 & 7 \\ \hline 9 & 9 & 3 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 4) \quad \begin{array}{|c|c|c|c|} \hline 5 & 2 & 7 & 5 \\ \hline + & 7 & 4 & 3 & 6 \\ \hline 1 & 2 & 7 & 1 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 5) \quad \begin{array}{|c|c|c|c|} \hline 3 & 6 & 2 & 9 \\ \hline + & 2 & 5 & 6 & 3 \\ \hline 6 & 1 & 9 & 2 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 6) \quad \begin{array}{|c|c|c|c|} \hline 8 & 2 & 6 & 4 \\ \hline + & 3 & 6 & 8 & 7 \\ \hline 1 & 1 & 9 & 5 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 7) \quad \begin{array}{|c|c|c|c|} \hline 4 & 5 & 3 & 8 \\ \hline + & 2 & 9 & 4 & 6 \\ \hline 7 & 4 & 8 & 4 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 8) \quad \begin{array}{|c|c|c|c|} \hline 7 & 0 & 8 & 6 \\ \hline + & 5 & 4 & 7 & 2 \\ \hline 1 & 2 & 5 & 5 & 8 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 9) \quad \begin{array}{|c|c|c|c|} \hline 6 & 8 & 3 & 1 \\ \hline + & 4 & 4 & 8 & 5 \\ \hline 1 & 1 & 3 & 1 & 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 10) \quad \begin{array}{|c|c|c|c|} \hline 5 & 6 & 7 & 2 \\ \hline + & 2 & 0 & 4 & 5 \\ \hline + & 3 & 5 & 0 & 3 \\ \hline 1 & 1 & 2 & 2 & 0 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 11) \quad \begin{array}{|c|c|c|c|} \hline 7 & 1 & 4 & 3 \\ \hline + & 1 & 6 & 2 & 5 \\ \hline + & 2 & 9 & 1 & 7 \\ \hline 1 & 1 & 6 & 8 & 5 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 12) \quad \begin{array}{|c|c|c|c|} \hline 4 & 6 & 1 & 8 \\ \hline + & 2 & 2 & 7 & 4 \\ \hline + & 5 & 3 & 4 & 9 \\ \hline 1 & 2 & 2 & 4 & 1 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 13) \quad \begin{array}{|c|c|c|c|} \hline 7 & 2 & 8 & 6 \\ \hline + & 4 & 1 & 7 & 7 \\ \hline + & 2 & 6 & 0 & 3 \\ \hline 1 & 4 & 0 & 6 & 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 14) \quad \begin{array}{|c|c|c|c|} \hline 6 & 1 & 5 & 9 \\ \hline + & 2 & 7 & 1 & 3 \\ \hline + & 3 & 5 & 5 & 4 \\ \hline 1 & 2 & 4 & 2 & 6 \\ \hline \end{array} \end{array}$$

$$\begin{array}{r} 15) \quad \begin{array}{|c|c|c|c|} \hline 9 & 3 & 4 & 8 \\ \hline + & 4 & 8 & 1 & 6 \\ \hline + & 7 & 4 & 8 & 3 \\ \hline 2 & 1 & 6 & 4 & 7 \\ \hline \end{array} \end{array}$$

