

Digit card addition

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The Busy Lizzie Maths Library

Digit card addition

You will need a pack of digit cards from 1 → 9
Using only 6 cards, can you arrange them so that they make an addition problem and the answer?

Find two possible solutions.

Remember you are using digit cards, so you can't use the same number twice.

$$\begin{array}{r} \begin{array}{|c|c|} \hline ? & ? \\ \hline \end{array} \\ + \begin{array}{|c|c|} \hline ? & ? \\ \hline \end{array} \\ \hline \begin{array}{|c|c|} \hline ? & ? \\ \hline \end{array} \\ \hline \end{array}$$

Possible solutions

$$\begin{array}{r} 36 \\ + 12 \\ \hline 48 \end{array}$$

Without carrying a ten or regrouping.

$$\begin{array}{r} 28 \\ + 17 \\ \hline 45 \end{array}$$

Carrying a ten or regrouping.

$$\begin{array}{r} 35 \\ + 46 \\ \hline 81 \end{array}$$

Carrying a ten or regrouping.