

Name: \_\_\_\_\_

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AS

# How does it work?

Look at these two calculations.

$$\begin{array}{r} 482 \\ - 143 \\ \hline 339 \end{array} \quad \text{and} \quad \begin{array}{r} 282 \\ + 57 \\ \hline 339 \end{array}$$

The subtraction calculation can be rewritten as an addition to give the same answer.

$$\text{Split } 482 \longrightarrow \begin{array}{r} 200 \\ - 143 \\ \hline 57 \end{array} + 282 \quad \begin{array}{r} 282 \\ + 57 \\ \hline 339 \end{array}$$

- Turn these three subtractions into additions by the same method.

$$\begin{array}{r} 560 \\ - 160 \\ \hline 400 \end{array} \quad \begin{array}{r} 768 \\ - 196 \\ \hline 572 \end{array} \quad \begin{array}{r} 1682 \\ - 436 \\ \hline 1246 \end{array}$$

Here is an interesting way of subtracting.

$$\begin{array}{r} 1225 \\ - 876 \\ \hline \end{array} \quad \text{becomes} \quad \begin{array}{r} 1349 \\ - 1000 \\ \hline 349 \end{array} \quad \begin{array}{r} 7213 \\ - 5857 \\ \hline \end{array} \quad \text{becomes} \quad \begin{array}{r} 7356 \\ - 6000 \\ \hline 1356 \end{array}$$

How does this method work? \_\_\_\_\_

- Use the same method to calculate these two subtractions.

$$\begin{array}{r} 1095 \\ - 766 \\ \hline \end{array} \quad \begin{array}{r} 3781 \\ - 1492 \\ \hline \end{array}$$