

# Adding & Subtracting Larger Numbers

I can...add & subtract larger numbers.

## LINGO

### regrouping

Borrowing from the place value to the left to complete the problem.

Example: You need to regroup for 25-18



### algorithm

Lining up two or more numbers to add or subtract.

Example:  $3,572$   
 $+ 953$



## HOW

### Addition Algorithm

STEP 1

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

Write the numbers, one on top, with digits lined up.

Carry any tens over to the next column and add.

STEP 3

$$\begin{array}{|c|c|c|} \hline 1 & 5 & 9 & 1 \\ + & 2 & 7 & 4 \\ \hline 6 & 5 & & \end{array}$$

STEP 2

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

Start with adding the ones place.

Add each column until you're finished.

STEP 4

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

### Subtraction Algorithm

STEP 1

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 9 \\ - & 2 & 7 & 5 \\ \hline \end{array}$$

Write the numbers, one on top, with digits lined up.

If you can't subtract, borrow from the next column.

STEP 3

$$\begin{array}{|c|c|c|} \hline 5 & 13 & 9 \\ - & 2 & 7 & 5 \\ \hline & 1 & 2 & 4 \end{array}$$

STEP 2

$$\begin{array}{|c|c|c|} \hline 6 & 3 & 9 \\ - & 2 & 7 & 5 \\ \hline & & 4 & \end{array}$$

Start with subtracting the ones place.

Subtract each column until you're finished.

STEP 4

$$\begin{array}{|c|c|c|} \hline 5 & 13 & 9 \\ - & 2 & 7 & 5 \\ \hline 3 & 6 & 4 & \end{array}$$

# PRACTICE

$$\begin{array}{r} 34 \\ + 28 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 68 \\ \hline \end{array}$$

$$\begin{array}{r} 15,389 \\ +14,337 \\ \hline \end{array}$$

$$\begin{array}{r} 19,365 \\ +10,736 \\ \hline \end{array}$$

$$\begin{array}{r} 30,101 \\ -29,726 \\ \hline \end{array}$$