

Name _____

Date _____

Add and Subtract within 1000 - Step-by-Step Lesson

Lesson 1 Add and subtract within 1000.

A) Convert 456 to expanded form.

$$\begin{array}{r} \text{B) } 745 \\ + 423 \\ \hline \end{array}$$

$$\begin{array}{r} \text{C) } 481 \\ - 111 \\ \hline \end{array}$$

Explanation:

A) Step 1) First we look at what is being asked.

Convert 456 into expanded form. Expanded form is breaking the numbers up into their place values. 456 has a hundreds, tens, and ones place.

Step 2) $400 + 50 + 6 = 456$

B) ADD:

Step 1) To join three or more numbers (or quantities) to get one number is called the sum or total.

Step 2) Horizontal addition: $745 + 423 = 1168$

Vertical addition-

$$\begin{array}{r} 745 \\ + 423 \\ \hline 1168 \end{array}$$

(Carrying the hundreds place)

C) SUBTRACT:

Step 1) The numbers on top at each place value are all larger than the numbers being subtracted, so there is no need to carry any numbers.

Step 2) Horizontal Subtraction: $481 - 111 = 370$

Vertical Subtraction:

$$\begin{array}{r} 481 \\ - 111 \\ \hline 370 \end{array}$$

