



NAME _____

DATE _____

ADDITION OR SUBTRACTION

Solve the following problems using the vertical method your place value chart and number disks. Bundle a ten or hundred when necessary.

Number bond:

$$\begin{array}{ccc}
 466 & + & 226 = \underline{\quad} \\
 & & \\
 & 200 & \\
 & | & \\
 400 & & 20 \\
 & | & \\
 60 & & 2 \\
 & | & \\
 2 & & 4
 \end{array}$$

$$\begin{aligned}
 &= 400 + 200 + 60 + 20 + 10 + 2 \\
 &= \underline{\quad} + \underline{\quad} + 2 \\
 &= \underline{\quad}
 \end{aligned}$$

(OR)

Bundle 1 or 10 or 100:

$$\begin{aligned}
 466 &= \text{[Four vertical stacks of 100 sticks, each with a red brace under the first 10 sticks]} + \text{[Two vertical stacks of 100 sticks, each with a red brace under the first 10 sticks]} + \text{[One vertical stack of 100 sticks, with a red brace under the first 10 sticks]} + \text{[Four vertical stacks of 10 sticks, each with a red brace under the first 10 sticks]} + \text{[Two vertical stacks of 10 sticks, each with a red brace under the first 10 sticks]} + \text{[One vertical stack of 10 sticks, with a red brace under the first 10 sticks]} + \text{[Six vertical sticks, labeled 6]} \\
 &+ \text{[One vertical stack of 10 sticks, with a red brace under the first 10 sticks]} + \text{[One vertical stack of 10 sticks, with a red brace under the first 10 sticks]} + \text{[Six vertical sticks, labeled 6]} \\
 226 &= \text{[Two vertical stacks of 100 sticks, each with a red brace under the first 10 sticks]} + \text{[One vertical stack of 100 sticks, with a red brace under the first 10 sticks]} + \text{[One vertical stack of 10 sticks, with a red brace under the first 10 sticks]} + \text{[Two vertical stacks of 10 sticks, each with a red brace under the first 10 sticks]} + \text{[Six vertical sticks, labeled 6]}
 \end{aligned}$$

(10 ones = 1 tens)

$$466 + 226 = \underline{\quad} \text{ hundreds} + \underline{\quad} \text{ tens} + \underline{\quad} \text{ ones.}$$

$$= \underline{\quad} \text{ hundreds} + \underline{\quad} \text{ tens} + 2 \text{ ones} = \underline{\quad}.$$