

G2-M5-Lesson 2

1. Solve each addition problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

a. $400 + 374 = \underline{774}$

To solve $400 + 374$, I just add like units!
4 hundreds + 3 hundreds = 7 hundreds. The ones and tens digits stay the same, so the total is 774.

b. $\underline{126} + 600 = 726$

$$600 \xrightarrow{+100} 700 \xrightarrow{+26} 726$$

I use the arrow way to solve $\underline{\quad\quad} + 600 = 726$.
I begin at 600 and add 1 hundred to get to 700.
Then, I add on 26. $100 + 26 = 126$.

2. Solve each subtraction problem using place value strategies. Use the arrow way or mental math, and record your answers. You may use scrap paper if you like.

a. $431 - \underline{300} = 131$

The number in the hundreds place got smaller by 3. The other part must be 300 because 4 hundreds minus 3 hundreds equals 1 hundred. The other digits stay the same.

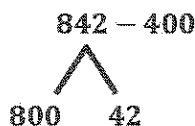
b. $\underline{862} - 200 = 662$

$$662 \xrightarrow{+200} 862$$

I know the 2 parts, but I don't know the whole.
I use the arrow way and think of addition to solve: $662 + 200 = 862$.

3. Fill in the blanks to make true number sentences. Use place value strategies, number bonds, or the arrow way to solve.

a. 400 less than 842 is 442.



$$\begin{array}{l} 800 - 400 = 400 \\ 400 + 42 = 442 \end{array}$$

I draw a number bond to break apart 842. I subtract 400 from 800, which is 400. Then I add 400 to the other part, so $400 + 42 = 442$.

b. 700 less than 962 is 262.

c. 300 more than 545 is 845.

300 *more* than 545 is the same as $545 + 300$. $500 + 300 = 800$.
The ones and tens stay the same.