G2-M5-Lesson 3

1. Solve the set of problems using the arrow way.

$440 + 300 = \underline{740}$

$440 \xrightarrow{+300} 740$

300 more than 440 is 740. I just add like units, 4 hundreds plus 3 hundreds is 7 hundreds. The tens and ones stay the same.

$440 + 360 = \underline{800}$

$440 \xrightarrow{+300} 740 \xrightarrow{+60} 800$

To add 360, I add in chunks—hundreds first and then tens. 4 tens + 6 tens = 10 tens, or the next hundred!

$440 + 380 = \underline{820}$

$440 \xrightarrow{+300} 740 \xrightarrow{+60} 800 \xrightarrow{+20} 820$

The second problem helps me solve this one. 380 is just 20 more than 360. I use the arrow way to add 20. Now, the total is 820.

2. Solve using the arrow way or mental math. Use scrap paper if needed.

$430 + 290 = \underline{720}$

$420 \quad 10$

I made a number bond on scrap paper. 290 is close to the next hundred, it just needs 10 more. I broke apart 430 into 420 and 10. I add 10 to 290 and now can solve 420 + 300 in my head.

$660 + 180 = \underline{840}$

$660 \xrightarrow{+100} 760 \xrightarrow{+40} 800 \xrightarrow{+40} 840$

I can solve in my head! 3 hundreds plus 2 hundreds is 5 hundreds. I know 7 tens plus 7 tens is 14 tens, or 140. I can think: 500 + 140 = 640.

$370 + 270 = \underline{640}$

This is similar to adding 66 and 27, except the units are tens! 6 tens and 7 tens is 13 tens. 60 tens and 20 tens is 80 tens. 13 tens + 80 tens = 93 tens.

The first problem can help me solve this one. I notice that 67 tens is 1 more ten than 66 tens. 28 tens is 1 more ten than 27 tens. That means the answer must be 2 more tens than 93 tens!

3. Solve.

66 tens + 27 tens = $\underline{93}$ tens

67 tens + 28 tens = $\underline{95}$ tens

What is the value of 85 tens? $\underline{850}$