G2-M5-Lesson 18

1. Use the arrow way and counting on to solve.

$$300 - 164 = 136$$
 $164 \xrightarrow{+6} 170 \xrightarrow{+30} 200 \xrightarrow{+100} 300$

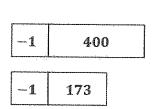
The arrow way is efficient. I add ones, tens, and hundreds to get to benchmark, or friendly, numbers. That makes counting on easy!

I added 6 + 30 + 100. That equals 136. So 300 - 164 = 136.

2. Choose a strategy to solve, and explain why you chose that strategy.

Compensation works best for this problem because I notice 280 is close to 300. It's easy to subtract 300, so I add 20 to each number. That makes a problem that's easier to solve, 520 - 300 = 220. So 500 - 280 = 220.

3. Explain why 400 - 173 is the same as 399 - 172.



I can explain by using compensation like I did for Problem 2, except this time I'll subtract. When I subtract 1 from each number in 400-173, I see that the expression becomes 399-172!

$$400 - 173 = 399 - 172$$