

G2-M5-Lesson 19

Solve and explain why you chose that strategy.

a. $580 + 230 = \underline{810}$
 $\quad \quad \quad \wedge$

I notice I can make the next hundred because 580 is close to 600. I break apart 230 into 20 and 210. 600 more than 210 is easy, 810.

b. $310 + \underline{333} = 643$

$643 - 310 = 333$

To find a missing addend, I can subtract. If I subtract one part from the whole, the answer is the missing part. I rewrite the problem as $643 - 310$. There's no renaming so I just subtract like units, hundreds from hundreds, tens from tens, and ones from ones.

c. $900 - 327 = \underline{573}$

$327 \xrightarrow{+3} 330 \xrightarrow{+70} 400 \xrightarrow{+500} 900$

The arrow way is easy because I just need to reach a benchmark number, and then I can skip-count quickly. $327 + 3$ gets me to 330. 330 needs 70 to get to 400. Now I just add 500 to reach 900. Altogether, I added 573, so $900 - 327 = 573$.

d. $802 - 698 = \underline{104}$

+2	802
+2	698

I can use compensation. I notice that 698 is very close to 700, which is an easy number to subtract. I add 2 to 698 to get 700. What I do to one number I must do to the other number, so I add 2 to 802. Now I have an easier problem to solve, $804 - 700$. Easy! The answer is 104.