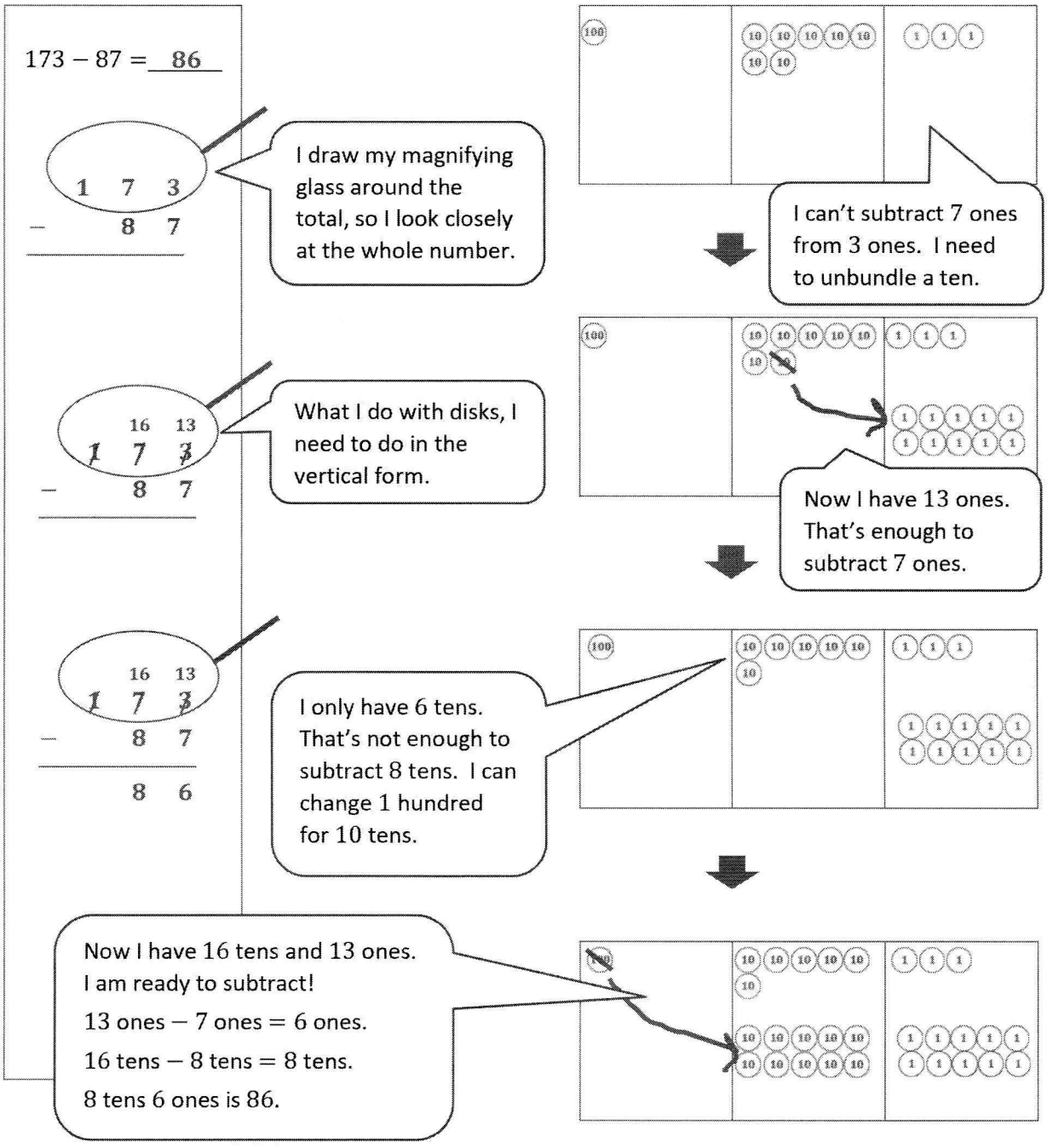
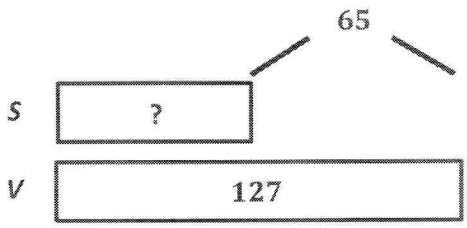
G2-M4-Lesson 25

1. Solve the following problems using the vertical form, your place value chart, and place value disks. Unbundle a ten or hundred when necessary. Show your work for each problem.



2. Vazyl has \$127. He has \$65 more than Sergio. How much money does Sergio have?



$127 - 65 = ?$

$$\begin{array}{r} {}^{1}\not{1}\,{}^{12}\not{2}\;7 \\ -\quad 6\;5 \\ \hline 6\;2 \end{array}$$

I can use the vertical method to figure out how much money Sergio has. I only have to unbundle the hundred because there are enough ones to subtract.

7 ones − 5 ones = 2 ones.

12 tens − 6 tens = 6 tens.

6 tens 2 ones is 62.

Sergio has 62 dollars.

3. Which problem will have the same answer as $122 - 66$? Show your work.

a. $144 - 55$

b. $126 - 62$

c. $166 - 22$

d. $144 - 88$

$$\begin{array}{r} {}^{1}\not{1}\,{}^{11}\not{2}\;{}^{12}\not{2} \\ -\quad 6\;6 \\ \hline 5\;6 \end{array}$$

I can use the vertical form to solve $122 - 66$.

But I also know another strategy. If I add 22 to both numbers, the difference doesn't change. So, $122 + 22 = 144$. And $66 + 22 = 88$. That means $144 - 88 = 56$. I remember this; it's called compensation!