

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.

$173 - 87 = \underline{86}$

I draw my magnifying glass around the total, so I look closely at the whole number.

What I do with disks, I need to do in the vertical form.

I only have 6 tens. That's not enough to subtract 8 tens. I can change 1 hundred for 10 tens.

Now I have 16 tens and 13 ones. I am ready to subtract!
 13 ones - 7 ones = 6 ones.
 16 tens - 8 tens = 8 tens.
 8 tens 6 ones is 86.

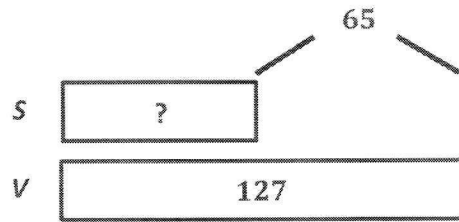
I can't subtract 7 ones from 3 ones. I need to unbundle a ten.

Now I have 13 ones. That's enough to subtract 7 ones.

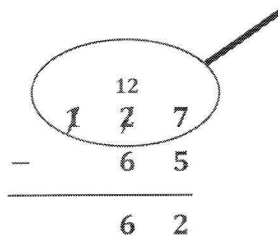
I only have 6 tens. That's not enough to subtract 8 tens. I can change 1 hundred for 10 tens.

Now I have 16 tens and 13 ones. I am ready to subtract!

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



$$127 - 65 = ?$$



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.

$$7 \text{ ones} - 5 \text{ ones} = 2 \text{ ones.}$$

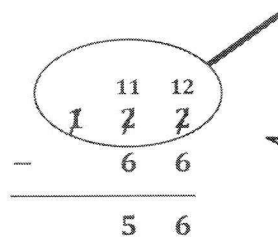
$$12 \text{ tens} - 6 \text{ tens} = 6 \text{ tens.}$$

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. $144 - 88$



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!

