G2-M4-Lesson 11

I can use 87 – 7 to help me solve 87 – 8. Since the difference in the first problem is 80, the difference in the second problem must be 1 less than 80 because I am only subtracting 1 more.

1. Solve using mental math.

$7 - 6 =$ 1 $\quad 87 - 6 =$ 81 $\quad 87 - 7 =$ 80 $\quad 87 - 8 =$ 79

2. Solve using your place value chart and place value disks. Unbundle a ten if needed. Think about which problems you can solve mentally, too!

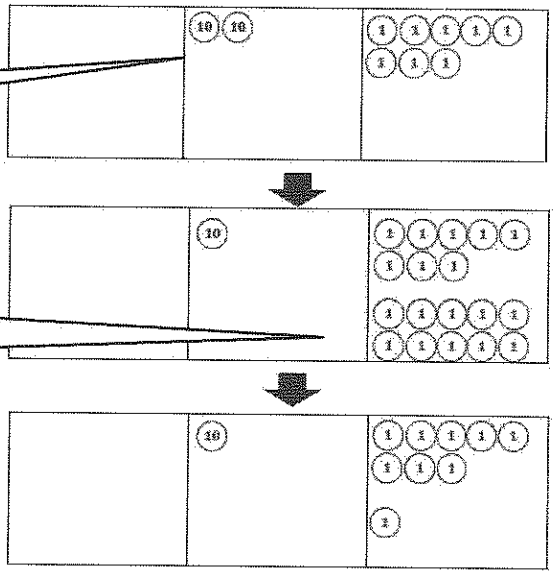
a. $28 - 7 =$ 21

I can solve this one mentally! I can subtract 7 ones from 8 ones. That leaves 2 tens 1 one, 21.

b. $28 - 9 =$ 19

I can use my chart and place value disks to solve this problem.

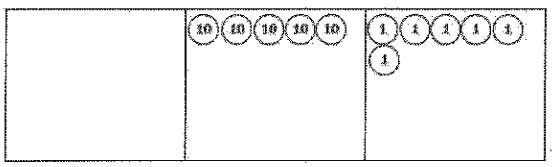
I only need to show 28 because I'm taking a part, 9, from the whole, 28.



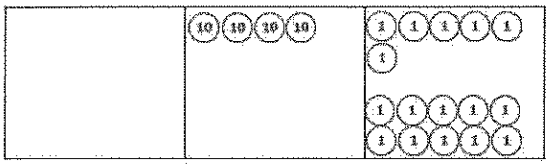
I can't subtract 9 ones from 8 ones, so I change 1 ten for 10 ones. Now I have 1 ten 18 ones, so I can subtract 9 ones.

So $28 - 9 = 19$.

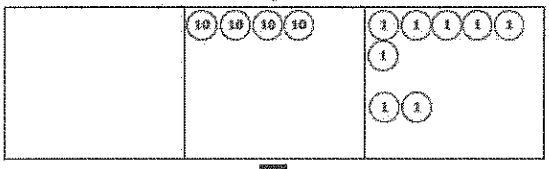
3. Solve $56 - 28$, and explain your strategy.



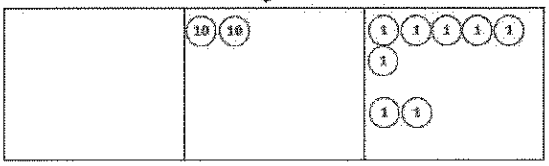
I use my place value disks to show the whole, 56. I see that I can't subtract 8 ones from 6 ones.



So, I decompose 1 ten into 10 ones. Now I have 4 tens 16 ones.



I subtract 8 ones. 8 ones are left.



I subtract 2 tens. 2 tens are left. 2 tens 8 ones equals 28.

$56 - 28 = 28$

4. The number of marbles in this jar is marked on the front. Miss Clark took 26 marbles out of the jar. How many marbles are left? Complete the number sentence to find out.

I can solve $49 - 26$ to find how many marbles are left.

49 − 26 = 23

I can subtract 6 ones from 9 ones; that's 3 ones. And 4 tens minus 2 tens is 2 tens. 2 tens 3 ones equals 23.