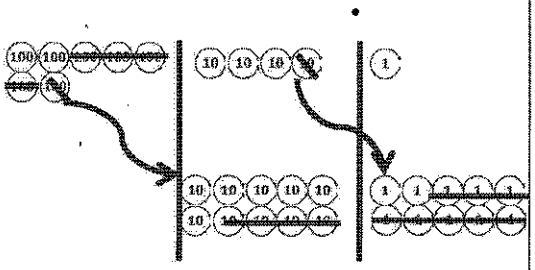
G2-M5-Lesson 14

1. Solve by drawing place value disks on a chart. Then, use addition to check your work.

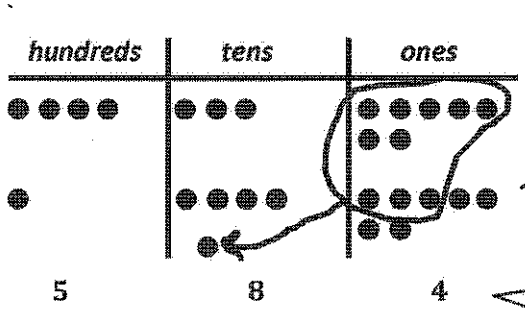
$741 - 448$	Solve vertically or mentally:	Check:
	$\begin{array}{r} 6\ 13\ 11 \\ 7\ \not{4}\ \not{1} \\ -\ 4\ 4\ 8 \\ \hline 2\ 9\ 3 \end{array}$	$\begin{array}{r} 2\ 9\ 3 \\ +\ 4\ 4\ 8 \\ \hline 7\ 4\ 1 \end{array}$

The vertical form shows what I did with the place value disks. I can't subtract 8 ones from 1 one, so I unbundle a ten. Now I have 7 hundreds, 3 tens, 11 ones. I can't subtract 4 tens from 3 tens, so I decompose 1 hundred. Now I have 6 hundreds and 13 tens. I'm ready to subtract!

I can check my work by adding the parts to see if they equal the whole.

2. If $584 - 147 = 437$, then $437 + 147 = 584$. Explain why this statement is true using numbers, pictures, or words.

I can prove that it's true with a chip model. The parts, 437 and 147, are inside the whole, 584.



Here is 437.

Here is 147.

When I add the parts, they equal the whole, 584.

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