

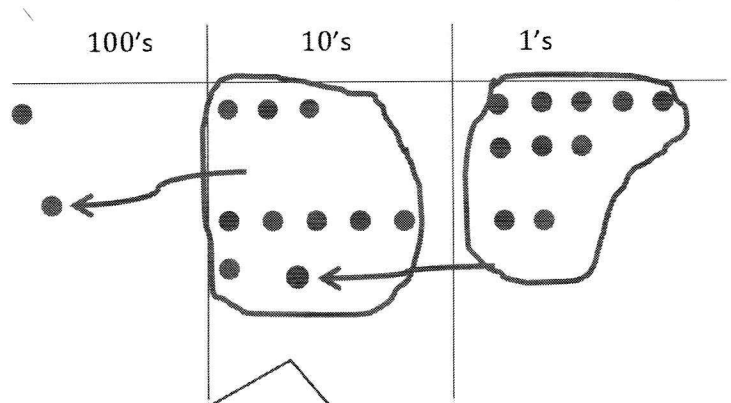
### G2-M4-Lesson 21

Solve vertically. Draw chips on the place value chart and bundle, when needed.

1.  $138 + 62 = \underline{200}$

$$\begin{array}{r} 138 \\ + 62 \\ \hline 200 \end{array}$$

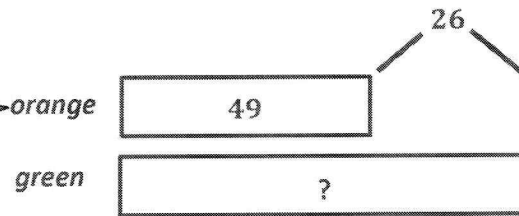
My model matches the vertical method. I bundled twice, and I can show the new units with new groups below.



Renaming the tens is just like renaming ones. I have to look for 10 of a unit to make the next higher value unit. So, 10 ones make 1 ten, and 10 tens make 1 hundred!

2. The orange team scored 26 fewer points than the green team. The orange team scored 49 points.  
 a. How many points did the green team score?

I can draw a comparison tape diagram to solve.

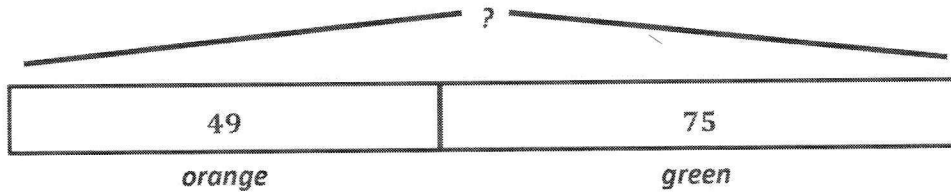


$$\begin{aligned} 49 + 26 &= \underline{\quad ? \quad} \\ 50 + 26 &= 76 \\ 76 - 1 &= 75 \end{aligned}$$

The green team scored 75 points.

I don't need to solve with chips because 49 is close to 50. I can add 50 and 26, which makes 76. Then, I can subtract 1 since 49 is 1 less than 50. I can use the same strategy for Part (b).

- b. How many points did the orange and green teams score altogether?



$$49 + 75 = \underline{\quad ? \quad}$$

$$50 + 75 = 125$$

$$125 - 1 = 124$$

*The orange and green team scored 124 points altogether.*