

## G2-M7-Lesson 21

Find the value of the point on each part of the meter strip marked by a letter. For each number line, one unit is the distance from one hash mark to the next. (Note: Number lines not drawn to scale.)



Each unit has a length of 25 centimeters.

K = 100 cm

To find the value of each unit, I first have to find the difference between the endpoints:  $175 - 25 = 150$ . The distance is 150. Since there are 6 equal units, I try counting by 10, but that is too small. Let me try counting by 25. I touch each hash mark as I go: 25, 50, 75, 100, 125, 150, 175. It works! K is right in the middle at 100 cm.

2. Each hash mark represents 15 more on the number line.



What is the difference between X and Y? 45

X = 615

Y = 660

I can find the difference between X and Y by counting by 15. 15, 30, 45. I can also see that there are 3 units between X and Y, and  $15 + 15 + 15 = 45$ .

I start at 600 and count by 15 to find the value at each hash mark.