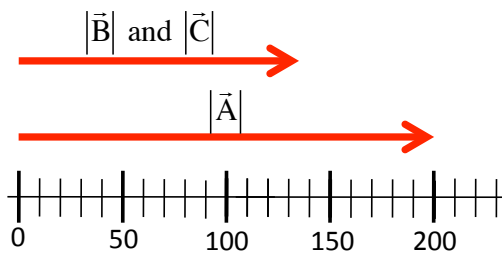
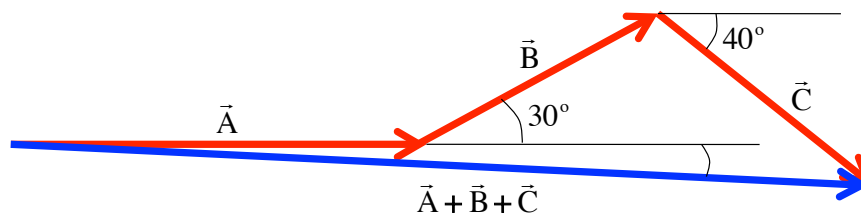


Problem 3.5

The vectors quoted in the problem are graphically presented below, complete with a ruler.

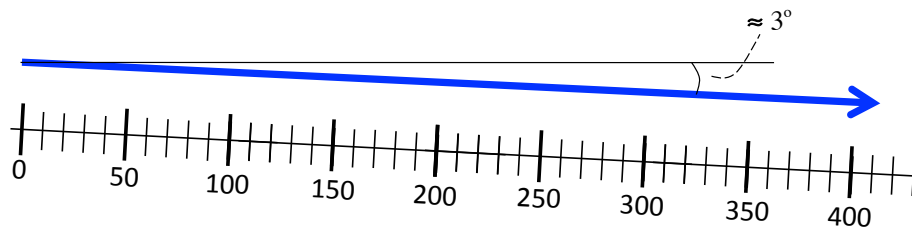


Summing yields:



1.)

The resultant would be analyzed below using our ruler and a protractor:



The resultant vector is:

$$\vec{A} + \vec{B} + \vec{C} = (420 \text{ ft}) \angle -3^\circ$$

Note that this angle would *look* more like three-degrees if I'd had the facility to make my drawing more accurate.

2.)