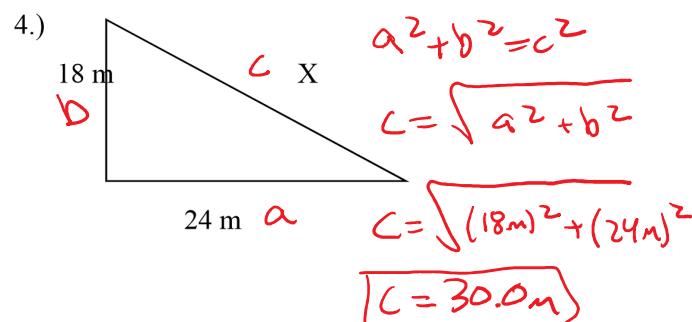
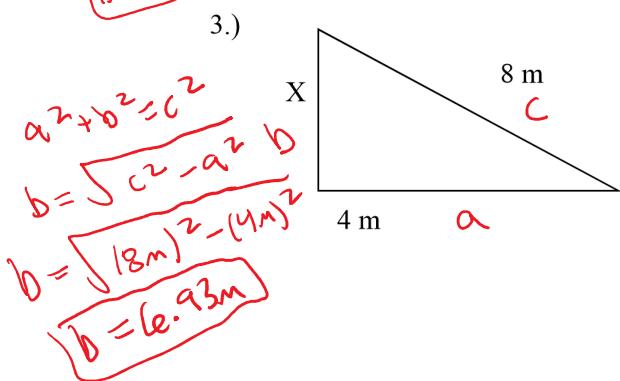
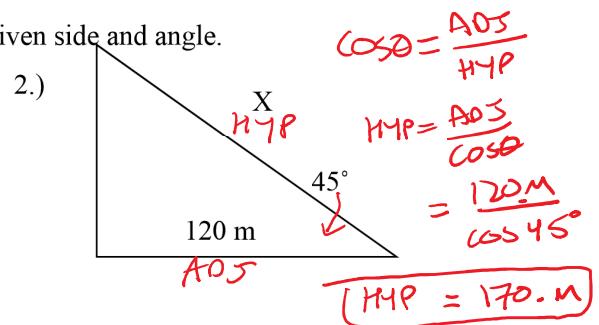
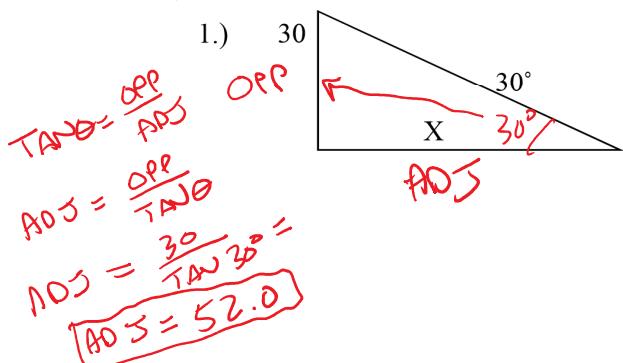
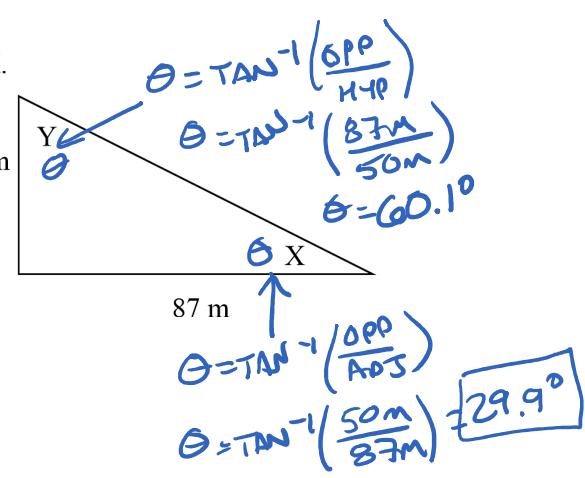
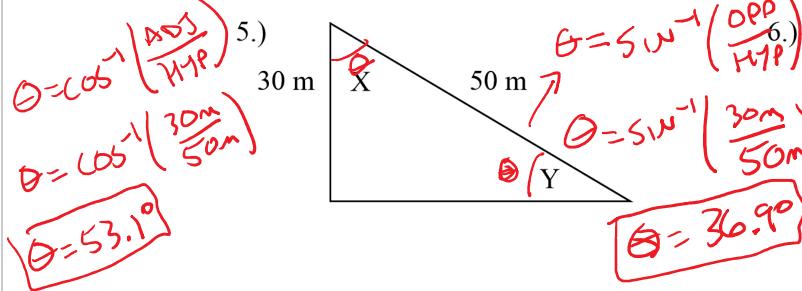


## V. Trigonometry

A) Find the value of the side marked X based on given side and angle.



B) Based on the given sides, find the angles of the Y and X.



## VI. Graphing/Mathematical Models

For the following equations, sketch the corresponding graphical relationship for the given variables on the axis. Identify the type of relationship, as well.

1.  $KE = \frac{1}{2}mv^2$  (assume the variable that is not being plotted)



Type of Relationship: DIRECT  
(LINEAR)



Type of Relationship: DIRECT SQUARE