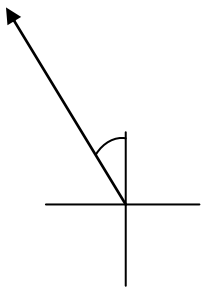


Physics  
3.1 Vector Group Quiz

Name \_\_\_\_\_

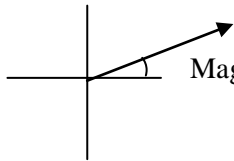
Carry three decimal places in your calculations.

Find the Components of these two vectors:



Mag. = 56.0 m,  $\theta = 25.0^\circ$

1 = \_\_\_\_\_ x + \_\_\_\_\_ y



Mag. = 35.0 m,  $\theta = 18.0^\circ$

2 = \_\_\_\_\_ x + \_\_\_\_\_ y

Add the Two Vectors:  $1+2 =$  \_\_\_\_\_ x + \_\_\_\_\_ y

Draw a picture of the resultant vector with its tail on the origin, find its magnitude, and label an angle indicating its direction:

