**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, θ = 25.0o

 1 = x + y

2 = x + y

Mag. = 35.0 m, θ = 18.0o

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: