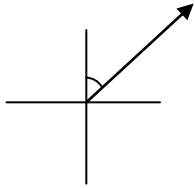


Name _____

Carry a couple of extra sig figs, round only the final magnitude and angle to the correct number of sig figs.

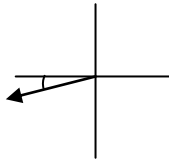
When you have finished this, go to the website and check your answers. If you got a problem wrong, cross it off on the front, and do it correctly on the back.

Find the Components of these two vectors:



Mag. = 13.4 m, $\theta = 42.0^\circ$

$$1 = \text{_____}x + \text{_____}y$$



Mag. = 6.12 m, $\theta = 11.3^\circ$

$$2 = \text{_____}x + \text{_____}y$$

$$\text{Add the Two Vectors: } 1+2 = \text{_____}x + \text{_____}y$$

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

