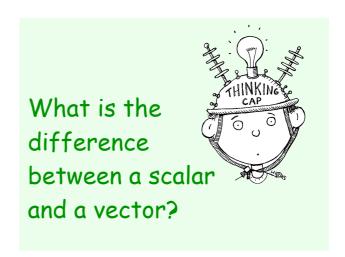
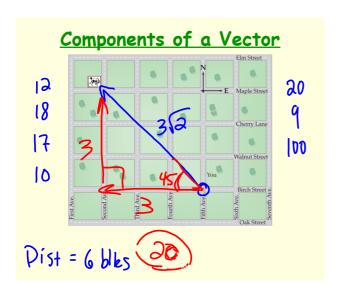
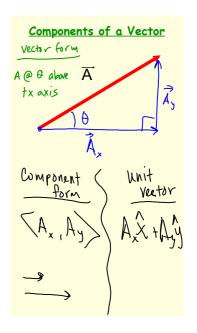
4.1 Vector Components

STANDARDS

I can define a vector and represent vectors in multiple forms.







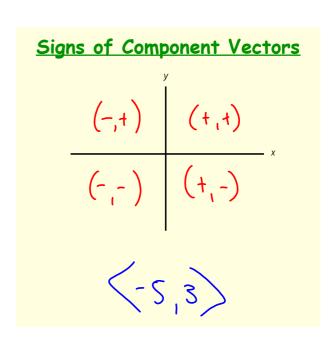


Right triangle
$$c^{2} = a^{2} + b^{2}$$

$$\sin \theta = \frac{a}{c}$$

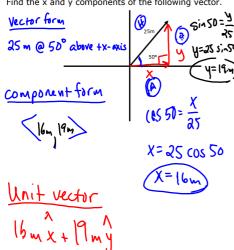
$$\cos \theta = \frac{b}{c}$$

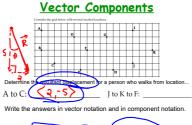
$$\tan \theta = \frac{a}{b}$$

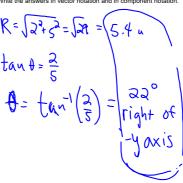


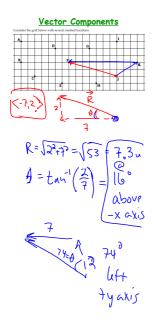
Vector Components

Find the x and y components of the following vector.









HOMEWORK Worksheet

4) Consider the grid below with several marked locations h. J to K to F:

Finding the Components of a Vector - Independent Practice Worksheet