Velocity Vectors

original porition f(v) = new porition

if velocity is given and we need to gird the speed; then the will apply pythogoron' theorem to calculate the speed. If speed is given and we need to gird will also be velocity, then the question give the divertion either in the Jerm of beautings or through any other is be vertor vertor quantity for which both magnitude and divertion one recold. Mother words we will find the magnitude of the velocity vector. of the initial position of the particle is given its velocity to time is also given and use need to find the new parties of the parties, here we apply the formula du pristion + At - new position - vot

vivertor = new perition-old position new position - old position - distance travelled by the partitle in vectory form. time = newporition -out porition 4) If two particle collides their position wetters at the time of collision is the same the tayme. s) In order to find the time of collision or such sports pointles component with i component of component of portilles.