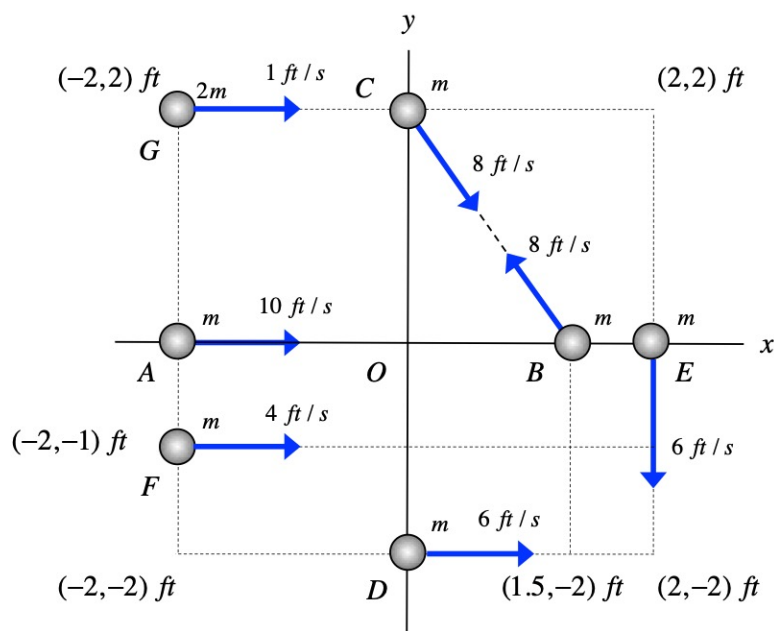


## Homework H.4.R

**Given:** Seven particles, A through G, move within a single plane. The mass of each particle is shown in the figure below, along with the velocity and position of each particle.

**Find:** Determine the total angular momentum about the fixed point O for the entire system of seven particles.



Use the following parameters in your analysis:  $m = 10$  slugs.