

PROBLEM 15.18

Two particles, A and B, are attached to a cord that passes over a pulley. Particle A has a mass of 10 kg and particle B has a mass of 5 kg. The cord is 2 m long. Determine the velocity of particle B when it reaches the ground.



When particle B reaches the ground, the velocity of particle A is v_A and the velocity of particle B is v_B . The velocity of particle B is v_B .