

4. A poor college student is trying to catch the bus. He's running at a constant velocity of 6.0 m/s towards the stationary bus. When he is 16.0 m away from the bus, the bus begins to pull away with an acceleration of 1.00 m/s^2 . How much time, if this is even possible, will it take the college student to catch the bus?
- *Something to consider, which variable will be the same from these two if the college student catches the bus?