

Assume the position

Al and Isaac are racing each other. Three seconds after the race begins, Al finally finished tying his shoes and he begins running with a constant acceleration of 3.0 m/s^2 . Isaac is enjoying his three second lead while accelerating at a constant 1.5 m/s^2 .

What will be their difference in velocities when Al and Isaac are neck-and-neck?

Who will pull ahead?

