Problem of the Week

Finishing date: 09/30/2016

Roommates John and Paul leaves a bar at midnight heading to their house. John walks at 4ft/sec (constant speed) on the straight path from the bar to the house, which is 2π miles. Paul is more drunk and runs at 6ft/sec (constant speed) but along the graph of the sine function (with amplitude of 1 mile and period being 2π miles). Who arrives home earlier?

Previous problem winners:

Randall Moreland (first solution) and Mihaja Rakotomalala (graduate student)





All the information about the Problem of the Week challenge can be found at http://ProbOfTheWeekUTD.wordpress.com