Hi, I'm Greg. I'm a NYC tutor! I love helping students. I tutor many subjects, assist with homework help, etc. I mainly specialize in specialized tests.

As it turns out, I haven't been able to get to do as many livestreams as I have in past years (yet, hopefully that changes). Therefore, I thought it would be fun to start a Problem Of The Day Series. I will put up a problem and leave it running for a while. You guys will then analyze it, and come up with possible solutions and alternative solutions on your own. I'll eventually post the answer in some manner.

For now we'll play it by ear how that will happen and for how long I'll leave up a problem. But right now I'm thinking of keeping the problem up maybe 2 hours minimum and maybe even in some cases 4 or 5 hours depending upon the dynamics and my situation. Unlike my AMA (Ask Me Anything) lifestream sessions, I will not be checking in every few minutes although I may from time to time join into the discussion. Again, the idea is for you guys to discuss out the problem.

Please be respectful to each other in this endeavor and let's make this fun, educational and forward-thinking. Keep the comments within the spirit of what I'm doing here. Please email me at GregsTutoringNYC@gmail.com if needed.

HERE'S THE PROBLEM: <——
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Mayor de Blasio, in his quest to get the perfect croissant from his favorite local coffee shop, walked 12 miles from Manhattan to Brooklyn in 2 hours. After telling Chancellor Carranza about how tasty the croissants from this shop are, Carranza decided to meet him but had to travel one third times the distance by car taking him twice as long as de Blasio's total time due to traffic. It was all fine, as de Blasio just kept eating croissants while waiting. How many times slower will it take de Blasio get back to the same location he started from in Manhattan via his same route in reverse if he returns by car at the same speed as Carranza's speed?

A) 1/7 B) 1/6 C) 1/5 D) 1/2 E) 1 F) 2 G) 5 H) 6 I) 7

HERE'S THE SOLUTION:
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We all know that:

distance = rate x time ala d = r x t .: r = d/t .: t = d/r

.: de Blasio's rate = 12 / 2 = 6mph

.: Carranza's distance = 12 / 3 = 4 miles
   Carranza's time = 2 x 2 = 4 hours
   Carranza's rate = 4 / 4 = 1mph

.: Carranza's rate is 6mph / 1mph = 6 times slower

.: de Blasio will return 6 times slower

— Greg / GregsTutoringNYC@gmail.com   LLAP ®