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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How much wood would Chuck, a wood chucker, have to chuck to ensure he throws an oak piece of wood if there remained 1/6 elm wood, 1/5 oak wood, and 1/4 maple wood pieces after Chuck already chucked 3 assorted pieces of wood out of 123 pieces?

A) 95 B) 96 C) 97 D) 99 E) 100

HERE'S THE SOLUTION:
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If Chuck already chucked 3 pieces then he has 120 pieces left.

If 1/6 is elm then that's 1/6 of 120 = 20 pieces
If 1/5 is oak then that's 1/5 of 120 = 24 pieces
If 1/4 is maple then that's 1/4 of 120 = 30 pieces

20 + 24 + 30 = 74 pieces .: 46 pieces are other types of wood

To ensure a piece of oak he must chuck at least all of the elm, maple, and other pieces

.: 20 + 30 + 46 = 96 pieces

The next piece would guarantee an oak piece was chucked, so 97 pieces   Choice C

- Greg / GregsTutoringNYC@gmail.com   LLAP ☮