21 friends, 7 cs, 14 non-1) There is in total of Cs- ways to select 5 firends 3 There are Ci. Cy whys to select 5 finiends with only one C5-major-friend C= Vito select 5 friends (all of them ane non-CS major) = 21×19×3×17 -7×7×13×11 - 14×13×11 = 11340

11 detters in-total: 1B, 200, 2 ks, 3 1P, 1r, 1S - There are 2x2x3=12 ways to have the same amangement. If S must follow R , then there & re 1.0 letters. or positions that com be freely rearranged: 10!

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