1. An optimization speeds, operations on a cuertain account for 30% time before the optimiza By how much is the computer aboral execution time 502 by this optimization a cache system andes, and te for dat a load or stone and if 20% of instructions include a data load (stone, what is the average memory access time? )+(9.05)- 0.05 ms

(1/1.20) x (1+0.5 \* 100) + (0.20/120) \* (1+1+0.5 \* 100