



Problem National Exam Calculator

Time Limit 1 second

Problem

Kamil is a 10th grade student who is about to take the National Exam EGSEC. EGSEC has 9 different course exams. The courses are Math, English, Physics, Chemistry, Biology, History, Geography, Aptitude and Civics. Recently, Kamil got very anxious and started calculating how much his GPA would be if he gets a grade of 'x' for 'y' course. Your task is to help Kamil calculate his GPA for the assumption he makes. To calculate the GPA a student must drop any two courses that have minimum grade except for Math and English, then, you add the remaining 7 courses and divide the result with 7.

Input

The input consists of a sequence of 9 letters representing the grade (A, B, C, D, F) each has a value of (4, 3, 2, 1, 0) respectively. The 9 letters represent the grades of Math, English, Physics, Chemistry, Biology, History, Geography, Aptitude and Civics respectively.

Output

Print the GPA Kamil might get for his assumption. Your answer should be in two decimal places.

Sample Input 1	Sample Output 1
A B A C D F B D A	3.00

Sample Input 2	Sample Output 2
F B A C D F B D A	2.43