Title

Tolerancing

Problem Description

Input five numbers: A B C D E

Determine if A/B is equal to C/D within a tolerance of E. Display 'True' if equal and 'False' if not equal.

Test Input	Expected Output
4 2 8 4 0.001	True
2 6 7 21 0.001	True
2 6 7 22 0.001	False
1001 1002 1002 1003 0.0000001	False
1001 1002 1002 1003 0.00001	True

Time Target

***   less than 5 minutes

**   5 – 10 minutes

*   greater than 10 minutes

Section

Tolerancing