



Example

Does the relation defined by each table represent a linear function?
Explain.

a.

Input	Output
0	2
1	4
2	7
3	8
4	10

Handwritten red annotations for table a:
 - A large bracket on the left side of the table is labeled $+1$.
 - Brackets on the right side of the table show output differences: $+2$ (from 2 to 4), $+3$ (from 4 to 7), $+1$ (from 7 to 8), and $+2$ (from 8 to 10).
 - The word "Non" is written in red below the table.

b.

Input	Output
0	0
3	1
6	3
9	6
12	10

Handwritten red annotations for table b:
 - Brackets on the right side of the table show output differences: $+1$ (from 0 to 1), $+2$ (from 1 to 3), $+3$ (from 3 to 6), and $+4$ (from 6 to 10).
 - The word "Non" is written in red below the table.

Handwritten red notes to the right of table b:
 $\frac{1}{3}$
 $\frac{2}{3}$

