



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:

- Vertical curly brace on the left side of the table spanning rows 1 to 4, labeled $+1$.
- Horizontal curly braces on the right side of the table:
 - Between rows 1 and 2: $+2$
 - Between rows 2 and 3: $+3$
 - Between rows 3 and 4: $+1$
 - Between rows 4 and 5: $+2$

Non

b.

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

Handwritten red annotations for table b:

- Vertical curly brace on the left side of the table spanning rows 1 to 4, labeled $+1$.
- Horizontal curly braces on the right side of the table:
 - Between rows 1 and 2: $+1$
 - Between rows 2 and 3: $+2$
 - Between rows 3 and 4: $+3$
 - Between rows 4 and 5: $+4$

Non

Handwritten red notes to the right of the tables:

$$\frac{1}{3}$$

$$\frac{2}{3}$$
