1 - FizzBuzzPop

Count from 1 to 100.

However, for multiples of 3, replace the number with Fizz. Replace multiples of 5 with Buzz, and replace multiples of 7 with Pop.

If the number is a multiple of more than one of these numbers, then output both words.

For example if it was from 1 to 10:
1 2 Fizz 4 Buzz Fizz Pop 8 FizzBuzz

Output the result as a string with spaces in between each element of the sequence

2 - Morse decode

Given a sequence of "." and "-". Print the secret code as output. There will be one space in-between characters and 3 spaces between words.

The input is on a single line, with the morse code as a string.
Output the secret code on a single line. All characters should be in uppercase. Spaces between words should be represented by a single space.

For example:
Input:
>... --- ... ... --- ...

Output:
>SOS SOS

Letter	Morse
A	*-
B	-***
C	-*-*
D	-**
E	*
F	**-*
G	--*
H	****
I	**
J	*---
K	-*-
L	*-**
M	--
N	-*
O	---
P	*--*
Q	--*-
R	*-*
S	***
T	-
U	**-
V	***-
W	*--
X	-**-
Y	-*--
Z	--**

3 - Square coordinates

Given 4 cartesian coordinates that represent a square on a cartesian plane, output the number of points with integer coordinates that lie within, or on the sides of the square.

The input is given in a 2x4 2D array denoting the x y coordinates of each point that makes up the square in a clockwise direction.

Output a single integer denoting the number of points.

For example:
Input:
>[[1,1],[1,-1],[-1,-1],[-1,1]]

Output:
>9 (4 vertices, 4 on the edges, 1 within)