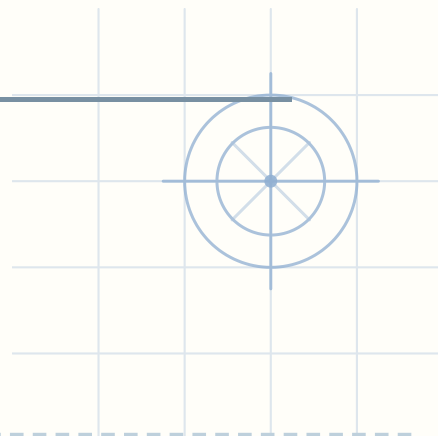


Is it a function — Input and output tables

Name: _____

Date: _____

Does each table show a function? Circle one.



1

x	3	5	5	6
y	9	32	44	2

Yes / No

2

x	10	8	7	21
y	34	57	49	57

Yes / No

3

x	0	10	14	10
y	45	46	20	11

Yes / No

4

x	1	4	15	9
y	12	38	38	45

Yes / No

5

x	4	4	2	21
y	2	5	59	14

Yes / No

6

x	1	2	4	18
y	57	15	31	33

Yes / No



Is it a function · Input and output tables — Answer key

1. (3, 9) (5, 32) (5, 44) (6, 2): No — the input 5 goes to 32 and also to 44, and one input may only go to one place

5. (4, 2) (4, 5) (2, 59) (21, 14): No — the input 4 goes to 2 and also to 5, and one input may only go to one place

2. (10, 34) (8, 57) (7, 49) (21, 57): Yes — every input appears once — 57 turns up twice, but that is an output, and two inputs may land on the same one

6. (1, 57) (2, 15) (4, 31) (18, 33): Yes — every input appears once, so no input can go to two places

3. (0, 45) (10, 46) (14, 20) (10, 11): No — the input 10 goes to 46 and also to 11, and one input may only go to one place

4. (1, 12) (4, 38) (15, 38) (9, 45): Yes — every input appears once — 38 turns up twice, but that is an output, and two inputs may land on the same one