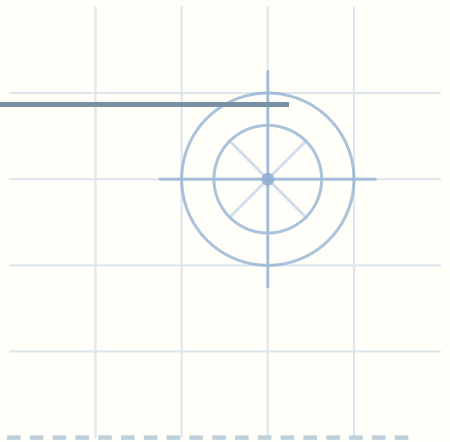


Is it a function — Pairs and tables

Name: _____

Date: _____

Does each relation show a function? Circle one.



1

x	11	11	22	8
y	32	31	26	7

Yes / No

2

x	19	0	6	24
y	41	13	25	51

Yes / No

3

(5, 53) (15, 49) (10, 57) (15, 40) Yes / No

4

x	8	19	9	24
y	56	43	24	43

Yes / No

5

x	21	20	21	0
y	21	43	7	50

Yes / No

6

(6, 59) (20, 47) (3, 22) (9, 45) (9, 33) Yes / No



Is it a function · Pairs and tables — Answer key

1. (11, 32) (11, 31) (22, 26) (8, 7): No — the input 11 goes to 32 and also to 31, and one input may only go to one place

2. (19, 41) (0, 13) (6, 25) (24, 51): Yes — every input appears once, so no input can go to two places

3. (5, 53) (15, 49) (10, 57) (15, 40): No — the input 15 goes to 49 and also to 40, and one input may only go to one place

4. (8, 56) (19, 43) (9, 24) (24, 43): Yes — every input appears once — 43 turns up twice, but that is an output, and two inputs may land on the same one

5. (21, 21) (20, 43) (21, 7) (0, 50): No — the input 21 goes to 21 and also to 7, and one input may only go to one place

6. (6, 59) (20, 47) (3, 22) (9, 45) (9, 33): No — the input 9 goes to 45 and also to 33, and one input may only go to one place

