

Name: _____

Class: _____

Manipulating Tables Quiz Review _____ correct out of 10 = _____%

Obj 4) I can translate a function vertically and or horizontally.

Obj 5) I can reflect and or dilate a function.

1. Complete the blank table to show a translation 3 units to the right. (1 point)

x	-3	-1	0	3	4
y	-1	4	3	-2	0

x					
y					

2. Complete the blank table to show a translation 4 units down. (1 point)

x	-3	-1	0	3	4
y	-1	4	3	-2	0

x					
y					

3. Complete the following statement: If I had to reflect a table across the y-axis, then I would _____. (1 point)

4. To translate a table 6 units to the left, you would have to do what to the table? (1 point)

5. Fill in Table 1 for the **parent linear function**. Then for Table 2, reflect Table 1 over the line $y = x$. (2 points)

Table 1:

x	-4	-2	0	1	2
y					

Table 2:

x					
y					

6. Jaime was asked to translate the given table right 4 and up 3. Is he correct? If not, explain his mistake. (2 points)

Given table:

x	-3	-1	1	3	4
y	-5	1	0	-2	5

Jaime's answer:

x	0	2	4	6	7
y	-1	5	4	2	9

7. Write the translations and reflections that occurred to obtain the final table. Give a specific direction and amount for each. (2 points)

Given table:

x	-4	-3	0	1	2
y	5	-3	5	-3	5

Table A:

x	-4	-3	0	1	2
y	-5	3	-5	3	-5

What changed from the Given Table to Table A? (Be specific)

Table B:

x	-6	-5	-2	-1	0
y	-5	3	-5	3	-5

What changed from the Table A to Table B? (Be specific)