

Aldine 9: Algebra Homework #17

Assigned

A: 10/20 Mon
B: 10/21 Tues

Due

A: 10/22 Wed
B: 10/23 Thurs

Name: _____

Period: _____

1. Is this relation a function? Justify your answer.

X	1	2	3	4
Y	3	6	9	12

2. Is this relation a function? Justify your answer.

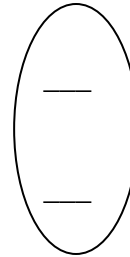
X	-3	2	-3	-6
Y	4	-5	-2	23

Identify the Domain and Range of the following relations, map each of the following relations and then circle whether or not it is a function. Don't forget to draw arrows!

3. { (-6, 3), (-4, 5), (0, 3) }

Domain (*x-values*): _____

Range (*y-values*): _____

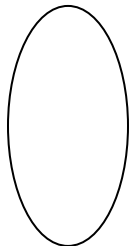
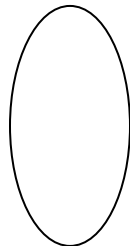


Function? Yes No

4. { (2, 3), (4, 1/2), (2, 0), (1, 1) }

Domain (*x-values*): _____

Range (*y-values*): _____

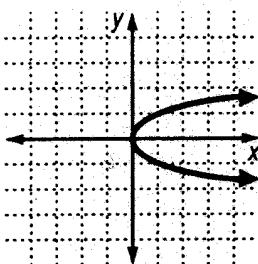


Function? Yes No

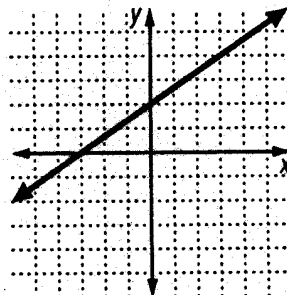


Are the following graphs Functions or Relations? (Hint: vertical line test)

5. _____



6. _____



7. _____

