

Name: Answer Key Date: _____ Hour: _____

Unit 2 // Study Guide // Functions

Determine if a Function:

Please check your answers to verify you are studying the correct information

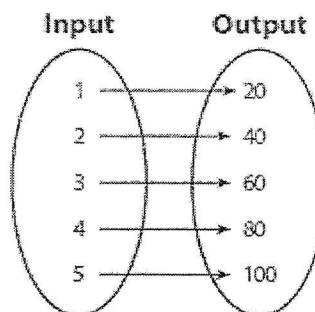
- 1). The table shows the number of concert tickets sold by five students. Is the relationship a function? Explain.

Student (input)	1	2	3	4	5
Tickets (output)	12	18	12	22	16

Yes, this table is a function because every x-value has exactly one y-value.

- 2). Look at the following mapping diagram:

a). Circle: Function or Not a Function

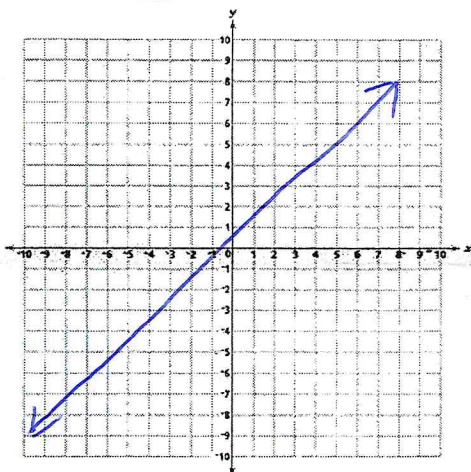


- b). Write the ordered pairs from this mapping diagram:

(1, 20) (4, 80)
(2, 40) (5, 100)
(3, 60)

3. Draw and label a graph that is a function and not a function below:

Function



Not a Function

