

Function Auction Activity

Created by Sarah Carter

mathequalslove.blogspot.com

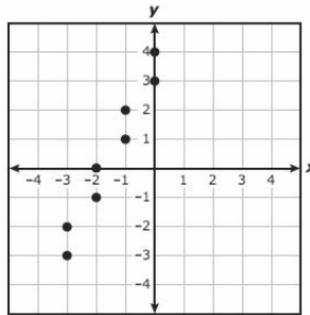
- ◇ Teams will be given \$1,000 to spend.
- ◇ Teams will be given exactly five minutes to look over the auction catalog before bidding begins. Use this time wisely!
- ◇ Lots will be auctioned off in order, beginning with Lot 1.
- ◇ The minimum opening bid for each lot is \$50.
- ◇ The bid must be raised in \$50 increments.
- ◇ After each lot is auctioned off, the class will discuss whether it was or was not a function and why.
- ◇ At the end of the auction, the group that has purchased the most functions wins.
- ◇ If two or more groups have purchased the same number of functions, the group with the most money left wins.

Function Auction

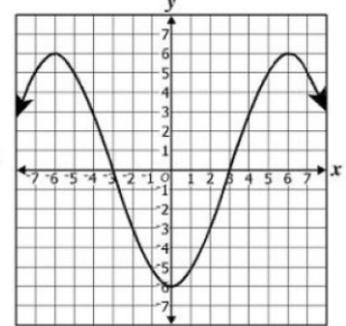
Lot 1

Domain	Range
4	3
5	4
2	5
4	6

Lot 2



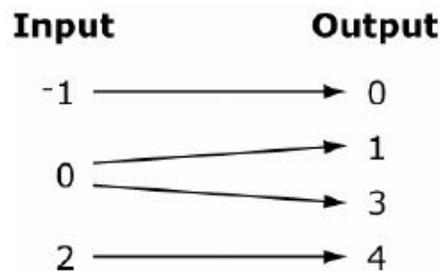
Lot 3



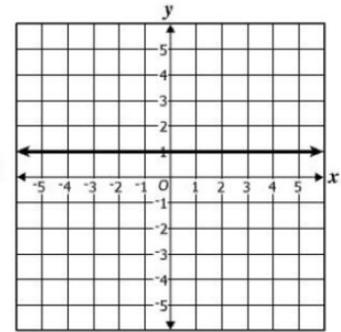
Lot 4

$\{(-1, -2), (0, 1), (2, 4), (7, 7)\}$

Lot 5



Lot 6



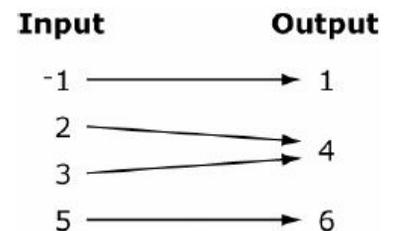
Lot 7

x	y
0	8
2	-1
2	-1
5	4

Lot 8

$\{(1, 1), (1, 2), (2, 1), (2, 2)\}$

Lot 9



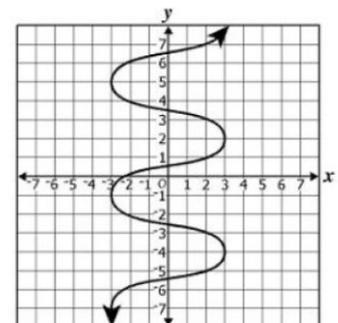
Lot 10

$\{(4, -2), (1, -1), (0, 0), (1, 1), (4, 2)\}$

Lot 11

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

Lot 12

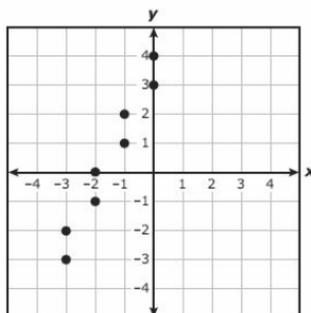


Function Auction

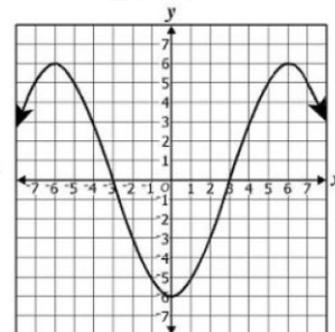
Lot 1

Domain	Range
4	3
5	4
2	5
4	6

Lot 2



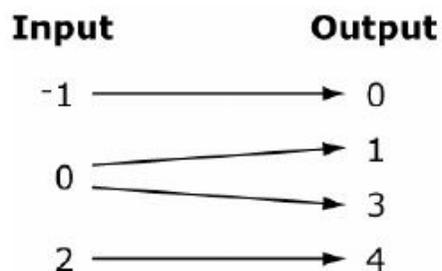
Lot 3



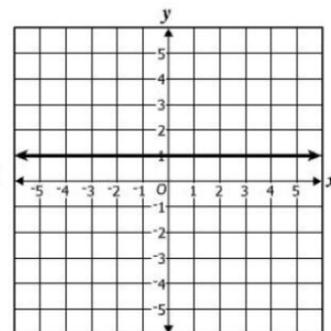
Lot 4

$\{(-1, -2), (0, 1), (2, 4), (7, 7)\}$

Lot 5



Lot 6



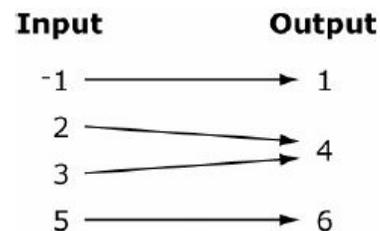
Lot 7

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2	-1
2	-1
5	4

Lot 8

$\{(1, 1), (1, 2), (2, 1), (2, 2)\}$

Lot 9



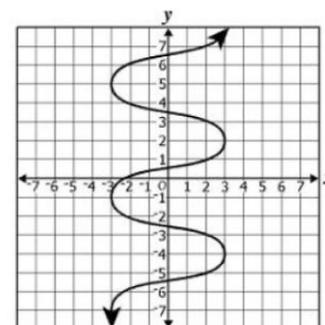
Lot 10

$\{(4, -2), (1, -1), (0, 0), (1, 1), (4, 2)\}$

Lot 11

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

Lot 12

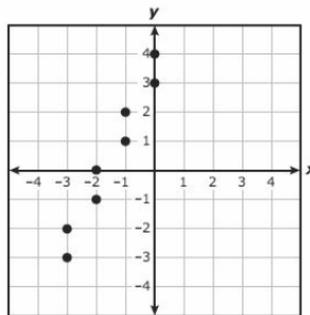


Function or Not a Function?

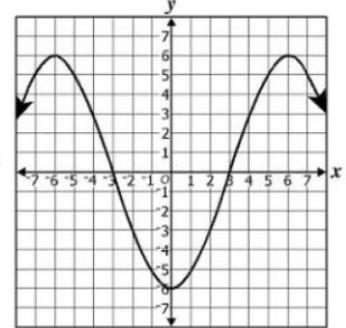
1

Domain	Range
4	3
5	4
2	5
4	6

2



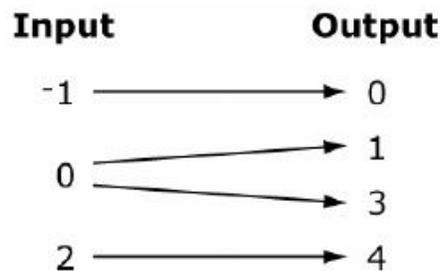
3



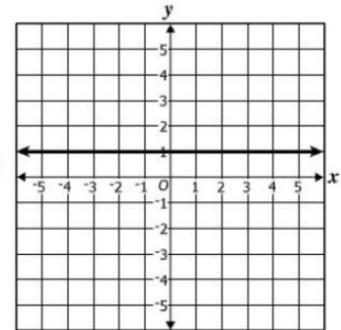
4

$\{(-1, -2), (0, 1), (2, 4), (7, 7)\}$

5



6



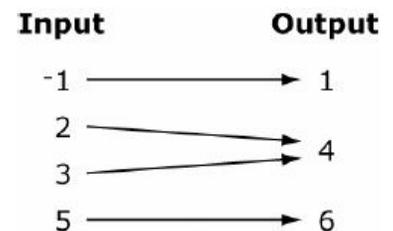
7

x	y
0	8
2	-1
2	-1
5	4

8

$\{(1, 1), (1, 2), (2, 1), (2, 2)\}$

9



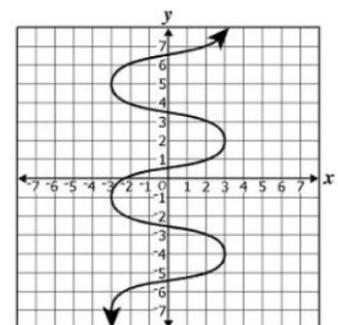
10

$\{(4, -2), (1, -1), (0, 0), (1, 1), (4, 2)\}$

11

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

12

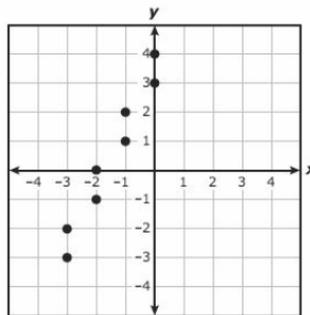


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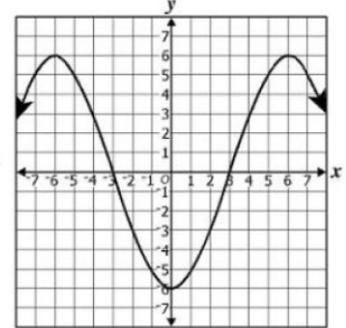
1

Domain	Range
4	3
5	4
2	5
4	6

2



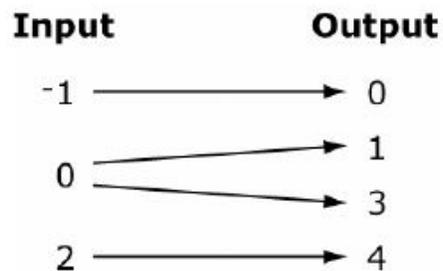
3



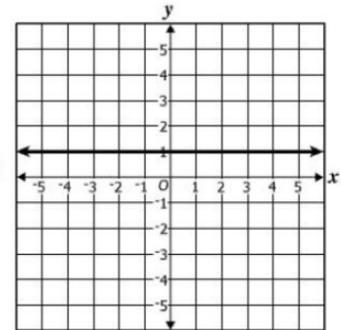
4

$\{(-1, -2), (0, 1), (2, 4), (7, 7)\}$

5



6



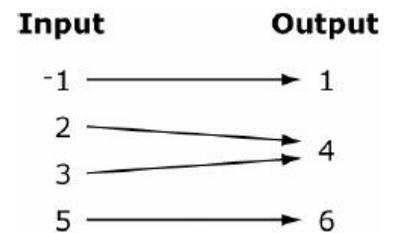
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x	y
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5	4

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$\{(1, 1), (1, 2), (2, 1), (2, 2)\}$

9



10

$\{(4, -2), (1, -1), (0, 0), (1, 1), (4, 2)\}$

11

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

12

