

LESSON

Practice A

3-2

Functions

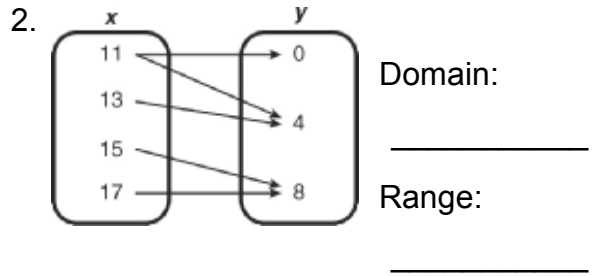
Give the domain and range of each relation.

1.

x	-30	-20	-10	0	10
y	1	5	10	15	20

Domain: _____

Range: _____



Complete the tables for each given function.

3. $y = 3x + 1$

x	$3x + 1$	y
-2	$3(-2) + 1$	
-1		
0		
1		
2		

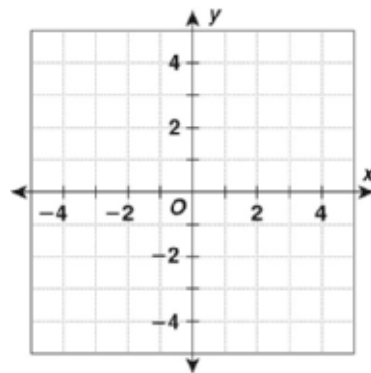
4. $y = x - 1$

x	$x - 1$	y
-2	$-2 - 1$	
-1		
0		
1		
2		

Make a table and graph the function.

5. $y = -2x + 2$

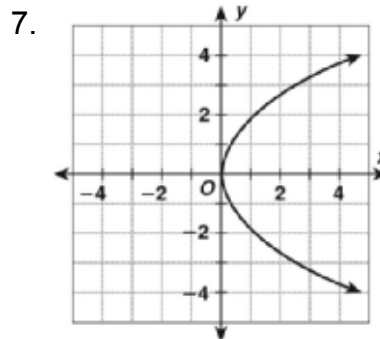
x	$-2x + 2$	y
-2		
-1		
0		
1		
2		



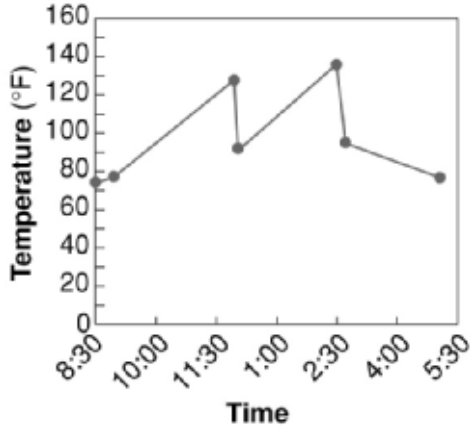
Tell if each relation represents a function.

6.

x	y
0	0
1	1
2	8
3	27
4	64



5.



5. I

6. C

7. H

8. B

Reading Strategies

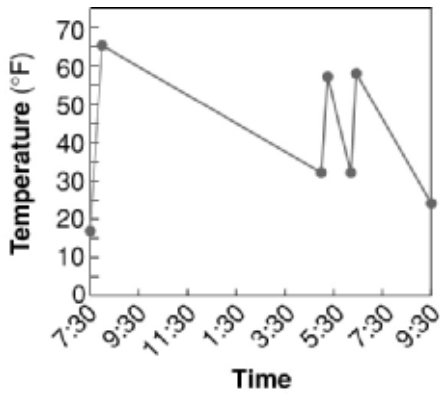
- along the bottom of the graph
- along the left side of the graph
- letters
- B
- E or D

Puzzles, Twisters & Teasers

- F
- O
- U
- R

Practice C

- Animal 1
- Animal 2
- Exercise 1 (Animal 1)
- Exercise 2 (Animal 2)
-



LESSON 3-4

Practice A

- Domain: -30, -20, -10, 0, 10
Range: 1, 5, 10, 15, 20
- Domain: 11, 13, 15, 17
Range: 0, 4, 8
-

x	$3x + 1$	y
-2	$3(-2) + 1$	-5
-1	$3(-1) + 1$	-2
0	$3(0) + 1$	1
1	$3(1) + 1$	4
2	$3(2) + 1$	7

4.

x	$x - 1$	y
-2	$-2 - 1$	-3
-1	$-1 - 1$	-2
0	$0 - 1$	-1
1	$1 - 1$	0
2	$2 - 1$	1

Review for Mastery

- they all list 0 min
- 1
- civics; math
- 3
- 1
- 0
- 1
- 3
- 2

Challenge

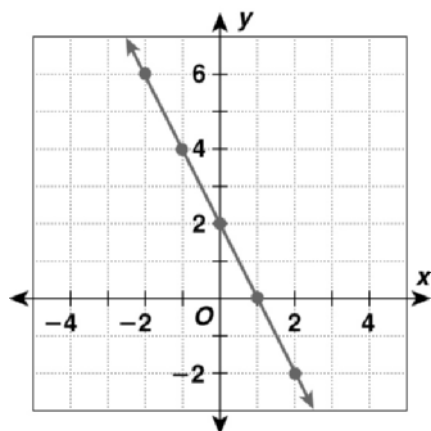
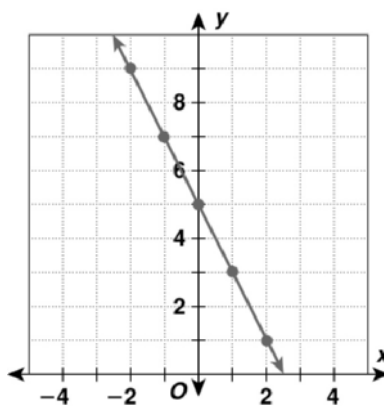
- d
- c
- a
- f
- b
- e

Problem Solving

- Table 2
- Table 3
- Table 1
- A

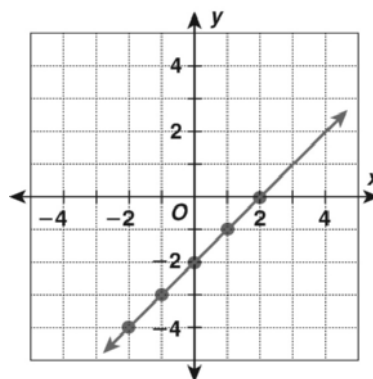
5.

x	$-2x + 2$	y
-2	$-2(-2) + 2$	6
-1	$-2(-1) + 2$	4
0	$-2(0) + 2$	2
1	$-2(1) + 2$	0
2	$-2(2) + 2$	-2



4.

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



6. yes

7. no

Practice B

1. Domain: -15, -7.5, 0, 7.5

Range: 15, 45, 75, 105

2. Domain: 0.30, 0.31, 0.32, 0.33, 0.34

Range: -4, -2, 0, 1, 3

3.

x	$-2x + 5$	y
-2	$-2(-2) + 5$	9
-1	$-2(-1) + 5$	7
0	$-2(0) + 5$	5
1	$-2(1) + 5$	3
2	$-2(2) + 5$	1

5. yes

6. yes

7. no

Practice C

1.

x	$-3x + 2$	y
-2	$-3(-2) + 2$	8
-1	$-3(-1) + 2$	5
0	$-3(0) + 2$	2
1	$-3(1) + 2$	-1
2	$-3(2) + 2$	-4