

NAME _____

DATE _____

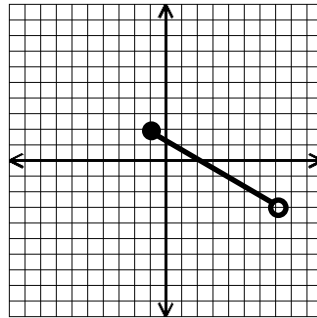
PER. _____

RELATIONS AND FUNCTIONS – DAY 2

For each graph, find the domain and the range.

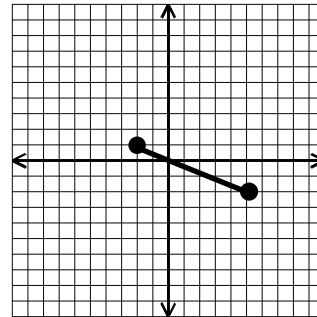
1. Domain: _____

Range: _____



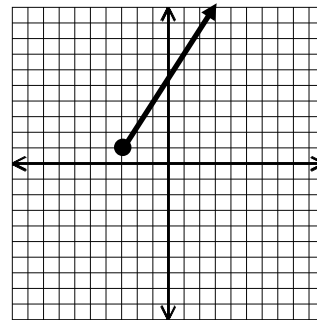
2. Domain: _____

Range: _____



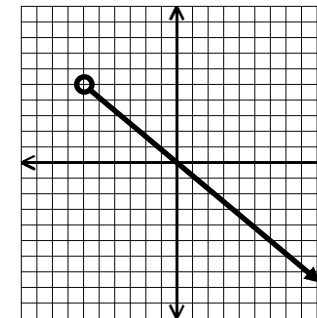
3. Domain: _____

Range: _____



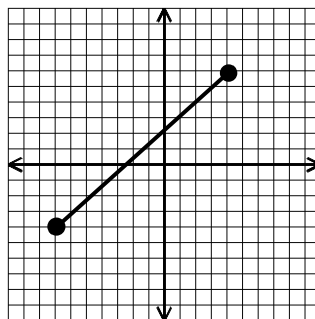
4. Domain: _____

Range: _____



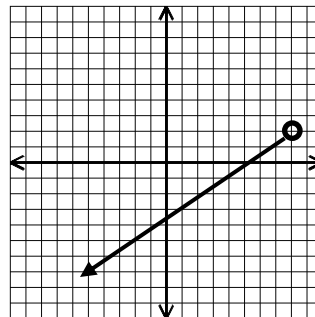
5. Domain: _____

Range: _____



6. Domain: _____

Range: _____



Answer each of the following. Show work on all problems.

7. Which of the following statements would NOT represent the equation $\frac{n}{2} = 18$?

- A. The quotient of a number and 2 is 18.
- B. A number divided by 2 is 18.
- C. The product of a number and 2 is 18.
- D. One half of a number is 18.

8. Which expression is equivalent to $\frac{1}{2}(2a - 6b) - \frac{3}{5}(10a + 25b)$?

- A. $-5a - 18b$
- B. $-26a - 87b$
- C. $-a + 19b$
- D. $-a + 12b$

9. Which of the following tables does not represent a y as a function of x?

A.

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

B.

x	y
1	1
-2	4
3	9
1	16

C.

x	y
-1	-1
3	3
2	2
5	5

D.

x	y
2	0
1	1
3	5
4	0