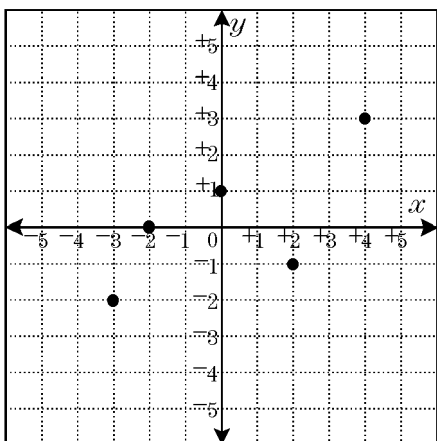


Relate the Domain (Unit 9)

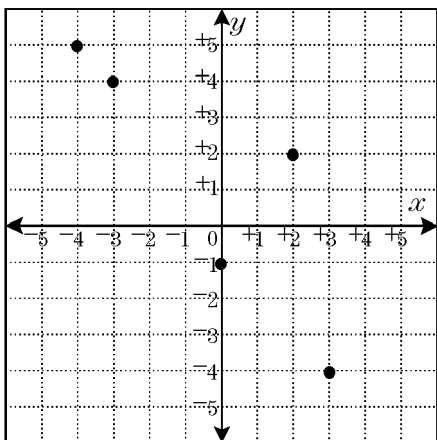
Name: _____

Date: _____

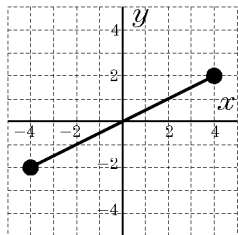
1. What is the domain of the graphed relation?



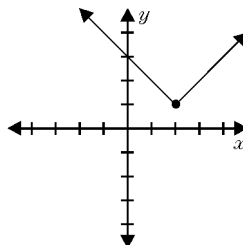
2. What is the domain of the graphed relation?



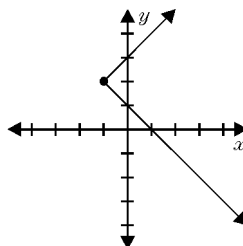
3. State the domain of the function.



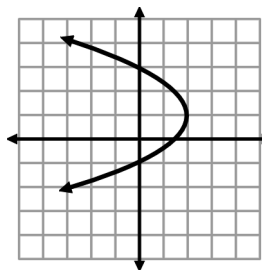
4. Given the graph, describe the domain.



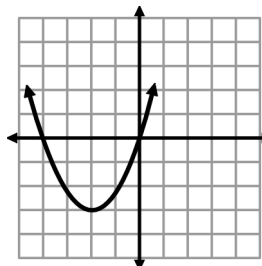
5. Given the graph, describe the domain.



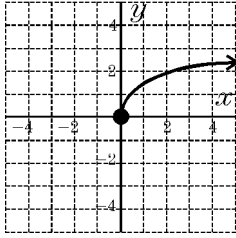
6. Describe the domain of the relation graphed.



7. What is the domain of the relation graphed?



8.



What is the domain of the function shown?

9. If x is the temperature (in degrees F) of a place on Earth, what is a reasonable domain?

10. A particular type of bacteria doubles every hour. If you start your observation with 200 strands of this type of bacteria, state a reasonable domain and range for this exponential growth.

11. Suppose a car depreciated $\frac{1}{6}$ of its value every year. If the car is originally worth \$18,000, what is a reasonable domain for this exponential decay?

12. If x is the list price (in dollars) for a used car, what is a reasonable domain?

Relate the Domain (Unit 9) 10/1/2017

- | | | |
|-----|------------|--------|
| 1. | Answer: | |
| | Objective: | F.IF.5 |
| 2. | Answer: | |
| | Objective: | F.IF.5 |
| 3. | Answer: | |
| | Objective: | F.IF.5 |
| 4. | Answer: | |
| | Objective: | F.IF.5 |
| 5. | Answer: | |
| | Objective: | F.IF.5 |
| 6. | Answer: | |
| | Objective: | F.IF.5 |
| 7. | Answer: | |
| | Objective: | F.IF.5 |
| 8. | Answer: | |
| | Objective: | F.IF.5 |
| 9. | Answer: | |
| | Objective: | F.IF.5 |
| 10. | Answer: | |
| | Objective: | F.IF.5 |
| 11. | Answer: | |
| | Objective: | F.IF.5 |
| 12. | Answer: | |
| | Objective: | F.IF.5 |