L2 Domain & Range

Sunday, October 23, 2022

3:08 PN



L2 Domain & Range

Lesson 2 Domain & Range

Domain: the set of all values for which the function is defined In most cases, we say the domain is all the values of x for which the function exists.

Range: the set of all values the function assumes In most cases, we say the range is all the values of y for which the function is defined.

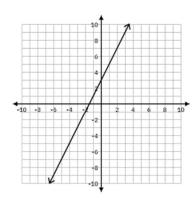
Example 1

State the domain and range of the given set.

Example 2

State the domain and range of each graph.

a.)



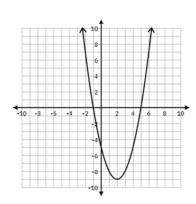
D: XER x is an element of the set of Real numbers

more fancy

D. [x| XER]

R: YER

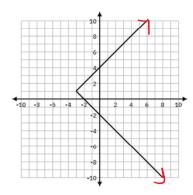
b.)



all y values are greater than or egual to -9

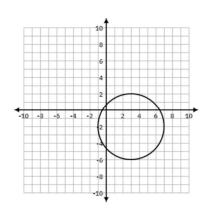
Intro Applied & Pre-Calculus 10 Relations and Functions

c.)



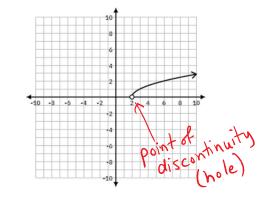
 $D: \times \geq -3$ $R: Y \in \mathbb{R}$

d.)



 $D: -1 \le x \le 7$ $R: -6 \le y \le 2$

e.)



D: x > 5