

Chapter 4 Vocab Merritt

Coordinate Plane-The plane containing x and y axis

Dilation- A transformation in which a figure is enlarged or reduced

Function- A relation in which each element of the domain is paired with exactly one element of the range

Function Notation- A way to name a function that is defined by an equation.

Mapping- illustrates how each element of the domain is paired with an element in the range.

Quadrant-the four regions into which the x and y axis separate.

Reflection- a type of transformation in which a figure is flipped over a line

Rotation- a type of transformation in which a figure is turned around on a point

Translation- a transformation in which a figure is slid in any direction

Vertical Line Test- if any vertical line passes through no more than one point of the graph of a relation then the relation is a function