

1. I can label the Cartesian Coordinate System correctly.
2. I can name and label ordered pairs correctly.
3. I can state the linear relation as a list of ordered pairs, in words, in a table of values, by a graph and as an equation.
4. I can complete a table of values.
5. I can graph a linear relation using a table of values.
6. I can graph a non-linear relation using a table of values.
7. I can determine if a relation is linear or non-linear from a table of values, an equation and from a graph.

KNOWLEDGE & SKILLS

Know the four quadrants of the Cartesian coordinate system.

Know that the origin is where the axes meet. (0,0)

Know the x-axis is horizontal, the y-axis is vertical

Ordered Pair – (x,y)

Substitution and BEDMAS!

Linear Relation – a straight line, $y = mx + b$, First Differences are the same

NON –Linear Relation – NOT a straight line, $y = x^2$, $y = x^3$, First Differences are NOT the same