**APA Vocabulary List**

1. **Real Numbers –** positive numbers, negative numbers and zero.
2. **Irrational Numbers –** numbers that can’t be expressed as ratios
3. **Simplify –** to combine all that can be combined.
4. **Constant –** a term that has no variable.
5. **Variable –** a letter that always represents an unknown number.
6. **Term –** a single number, variable or number and variables multiplied together.
7. **Coordinates –** an ordered pair of numbers that represent an exact location.
8. **Axis –** A reference line drawn on a graph.
9. **X-axis –** the horizontal axis
10. **Y-axis –** the vertical axis
11. **Integers –** the set of all whole numbers, their opposites and zero.
12. **Inverse Operations** – operations that undo each other.
13. **Evaluate –** to find the value of an expression
14. **Percent –** the ratio of a number to 100.
15. **Reciprocals –** their product is one.
16. **Inequality –** states that two values are not equal.
17. **Normal Distribution -** Data can be distributed (spread out) like a "Bell Curve.”
18. **Foci –** the two focus points inside of an ellipse.
19. **Major Axis -** The longest diameter of an ellipse.
20. **Minor Axis -** The shortest diameter of an ellipse.
21. **Sine -** The length of the opposite side divided by the length of the hypotenuse (Sin).
22. **Cosine -** The length of the adjacent side divided by the length of the hypotenuse (Cos).
23. **Tangent -** The length of the opposite side divided by the length of the adjacent side (Tan).
24. **Y Intercept -** Where a straight line crosses the Y axis of a graph.
25. **Algorithm -** is a step-by-step solution; like a cooking recipe for mathematics.
26. **Inequality –** states that two values are not equal.
27. **Mutually Exclusive Events -** events that can't happen at the same time.
28. **Arithmetic Sequence –** a sequence made by adding some value each time.
29. **Geometric sequence -** a sequence made by multiplying by some value each time.
30. **Function -** a function is a special relationship where each input has a single output.
31. **Frequency -** how often something happens (usually during a period of time).
32. **Annual Percentage Rate (APR) -** percentage cost of borrowing per year, including interest and fees.
33. **Mortgage -** a long-term loan to buy property, such as a house and land.