**VOCABULARY STUDY GUIDE FOR FRACTIONS, DECIMALS, PERCENTS, AND SCIENTIFIC NOTATION**

1. **FRACTION:** A ratio written in division form. Example,
2. **DECIMAL:** parts of the whole using place value. Example, 0.75
3. **PERCENT:** part of 100. Example, 75%
4. **NUMERATOR:**  The number above the line in a fraction; the number represents how many pieces of the whole there are. Example, in the fraction , the number 3 is the numerator.
5. **DENOMINATOR:**  The number below the line in a fraction; the number of equal pieces the whole is broken into. Example, in the fraction , the 4 is the denominator.
6. **RATIO:**  A comparison of two numbers. Example, 3 to 4 or 3:4
7. **DIVIDEND:**  The number being divided into equal parts.
8. **DIVISOR:** The number of equal groups or the number of items in each equal group.
9. **SCIENTIFIC NOTATION:** A way to write very large or small numbers using multiplication and the powers of 10. Example, 0.000074 would be 7.4 x
10. **EXPANDED FORM:** Shows the number expanded into an addition statement. The expanded form of 495,786 is 400,000 + 90,000 + 5,000 + 700 + 80 + 6.