**Unit 4 – Integers and Rational numbers on the number lines**

**Vocabulary**

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| bank balance | the amount of money in a bank account at any certain time |
| bank deposit | money put into the bank; money added to a bank account |
| bank withdrawal | money taken out of a bank account |
| depth (in ocean) | distance below sea level |
| Integer | A number expressible in the form a or -a for some whole number a. |
| moving in a negative direction | described with words such as ***down, lower, loss, drop, dive, depth*** |
| moving in a positive direction | described with words such as ***up, higher, gain, rise, spike, height*** |
| negative number | a number less than zero |
| opposite | Facing or going in two different directions; situated at each side of some central position; in math, numbers that are an equal distance from zero on the number line. |
| Origin | The starting point. On a number line it is 0. |
| positive number | a number greater than zero |

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| Inequality | A mathematical sentence that shows the relationship between quantities that are not equal, using the symbols < "less than, >; "greater than," ≤ "less than or equal to," and ≥ "greater than or equal to." |
| Rational number | A number that can be written as a simple fraction |
| absolute value | The magnitude of a quantity, irrespective of sign; the distance of a quantity from zero. The absolute value of a number is symbolized by two vertical lines, as |3| or |−3| is equal to 3. |

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| equation | a mathematical sentence that states two expressions are equivalent, separating the two expressions with an equal sign |
| expression | a mathematical phrase that contains operations, numbers, and/or variables |
| inequality | a mathematical sentence that shows the relationship between quantities that are not equal |
| solution | a value for a variable that makes an equation true |
| variable | a symbol used to represent a quantity that can change |