Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit: 6.NS.5-7**

**Rational Numbers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Vocabulary Words** | **Definitions** | **Key Operations** | **Examples/Sentences/Visuals** |
| **absolute value** | The distance a value if from 0. The value is always positive |  |  |
| **distance** | The amount of numbers you count between two values |  |  |
| **opposite** | Numbers that are the same distance away from 0. (equal distance from the origin on a number line but in opposite directions) |  |  |
| **integer** | Any whole number with no remainder (no fraction or decimals) |  |  |
| **credit/deposit** | Adding/paying money |  |  |
| **owe/borrow** | Words that tell you to subtract numbers, these values are negative |  |  |
| **debit/withdraw** | Subtracting/taking money |  |  |
| **equivalent** | When values are equal to each other |  |  |
| **simplify** | To write a fraction in simplest form (reduce) |  |  |
| **inequality** | A relationship between two expressions that are not equal, often written with the symbols >, >, <, and < that mean greater than, greater than or equal, less than, less than or equal, respectively. |  |  |

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Unit: 6.NS.8**

**Coordinate Grid**

|  |  |  |  |
| --- | --- | --- | --- |
| **Vocabulary Words** | **Definitions** | **Key Operations** | **Examples/Sentences/Visuals** |
| **x-axis** | the horizontal line on a coordinate grid going left and right |  |  |
| **y-axis** | the vertical line on a coordinate grid going up and down |  |  |
| **origin** | Where the x-axis and y-axis meet - the ordered pair is (0,0) |  |  |
| **Quadrant I, II, III, IV** | The 4 parts to the coordinate grid. The upper right is QI, upper left is QII, lower left is QIII, and lower right is QIV |  |  |
| **ordered pair** | The address for a point on the coordinate grid. The 1st number is the ‘x’ value and the 2nd number is the ‘y’ value. (↔ , ↕) |  |  |
| **(+, +)**  **(-, +)**  **(-, -)**  **(+, -)** | The signs for each quadrant:  (+, +) is QI  (-, +) is QII  (-, -) is QIII  (+, -) is QIV. |  |  |
| **distance** | The amount of numbers you count between two values |  |  |
| **above/below 0** | The positive/negative direction traveled from the number zero |  |  |
| **above/below sea level** | The positive/negative distance (elevation) traveled from zero |  |  |
| **ascending/**  **descending** | when values are placed in order from smallest to greatest (ascending) or greatest to smallest (descending) |  |  |