**Unit 6 – Proportional Relationships**

|  |  |  |
| --- | --- | --- |
| Word | Definition | Example |
| Constant of proportionality | The ratio of the y-value to the x-value, represented by k when k = y/x |  |
| Linear | An equation or function that is a straight line. |  |
| Non-linear | An equation or function that does not form a straight line. |  |
| Non-proportional | A relationship that does not go through the origin or form a straight line. |  |
| Origin | The point (0, 0) on the coordinate plane. |  |
| Proportional | A relationship with a constant ratio that when graphed, passed through the origin and forms a straight line. |  |
| Rate of change | The slope of a line. |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |