**Variations**

## Direct Variations

* “As the number of carrots goes up… the cost of carrots goes up.” However the ratio of the cost to the number of carrots is always the same
* This relationship is known as **direct variation** or **direct proportion**

|  |  |
| --- | --- |
| e.g.1 |  |
| e.g.2 |  |

## Inverse Variations

* “More workers mean less time required and vice versa”.
* This relationship is known as **inversely proportional**

|  |  |
| --- | --- |
| e.g.1 |  |
| e.g.2 |  |