# Technical Analysis

## Board:

N

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 0,5 | 1,5 | 2,5 | 3,5 | 4,5 | 5,5 |
| 0,4 | 1,4 | 2,4 | 3,4 | 4,4 | 5,4 |
| 0,3 | 1,3 | 2,3 | 3,3 | 4,3 | 5,3 |
| 0,2 | 1,2 | 2,2 | 3,2 | 4,2 | 5,2 |
| 0,1 | 1,1 | 2,1 | 3,1 | 4,1 | 5,1 |
| 0,0 | 1,0 | 2,0 | 3,0 | 4,0 | 5,0 |

E

W

y

x

S

## Turtle Movements:

|  |  |
| --- | --- |
| Movement Command Letter | Formula |
| L (Turtle turns ‘Left’) | If the cardinal point is ‘**North**’ that will be ‘**West**’  If the cardinal point is ‘**West**’ that will be ‘**South**’  If the cardinal point is ‘**South**’ that will be ‘**East**’  If the cardinal point is ‘**East**’ that will be ‘**North**’ |
| R (Turtle turns ‘Right’) | If the cardinal point is ‘**North**’ that will be ‘**East**’  If the cardinal point is ‘**East**’ that will be ‘**South**’  If the cardinal point is ‘**South**’ that will be ‘**West**’  If the cardinal point is ‘**West**’ that will be ‘**North**’ |
| M (Turtle moves forward to cardinal point) | If the cardinal point is ‘**North**’ that will be **(x, y+1)**  If the cardinal point is ‘**South**’ that will be **(x, y-1)**  If the cardinal point is ‘**West**’ that will be **(x-1, y)**  If the cardinal point is ‘**East**’ that will be **(x+1, y)** |