Forms of Linear Equations

| Form | Type of Contexts | Writing Equations | Graphing | Tables |
| :---: | :---: | :---: | :---: | :---: |
| Slope Intercept <br> Form <br> $y=m x+b$ |  |  |  |  |
| Point Slope Form <br> $y=m\left(x-x_{1}\right)+y_{1}$ |  |  |  |  |
| Recursion Formula |  |  |  |  |
| $f\left(x_{1}\right)=y_{1} ;$ |  |  |  |  |
| $f(n)=f(n-1)+m$ |  |  |  |  |

