**Math 10C Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Linear Functions Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Formulas**

**Slope**    **General Form**  **Slope y-intercept Form** 

1. a) Given the points write the equation in three ways; follow the steps in the chart.

|  |  |
| --- | --- |
| Points | A(2, 3) and B(4, 6) |
| Slope |  |
| General Form |  |
| Slope y-intercept form |  |

|  |  |
| --- | --- |
| Points | A(-5, 1) and B(5, 3) |
| Slope |  |
| General Form |  |
| Slope y-intercept form |  |

|  |  |
| --- | --- |
| Points | A(-1, 1) and B(2, -5) |
| Slope |  |
| General Form |  |
| Slope y-intercept form |  |

|  |  |
| --- | --- |
| Points | A(-4, 2) and B(4, -6) |
| Slope |  |
| General Form |  |
| Slope y-intercept form |  |

|  |  |
| --- | --- |
| Points | A(-6, 3) and B(2, -9) |
| Slope |  |
| General Form |  |
| Slope y-intercept form |  |