FST Name:

2.1 Notes – Linear & Quadratic Review Date: Block:

***Linear Functions Review***

|  |  |  |
| --- | --- | --- |
| Slope-Intercept Form | Point Slope Form | Standard Form |



Remember how to graph: (from slope intercept) x – 2y = 1

1.

2.

3.

|  |  |
| --- | --- |
| How to find the  x – intercept: | How to find the  y – intercept: |
| Example: 4x – 5y = 35 | Example: 4x – 5y = 35 |

Domain: Range:

|  |  |
| --- | --- |
| Parallel Lines: | Perpendicular Lines: |
| Example: | Example: |

**Solving Systems of Equations:**

|  |  |
| --- | --- |
| **Graphing:** | **Substitution:**  **Elimination:** |

***Quadratic Functions***

|  |  |  |
| --- | --- | --- |
| Standard Form | Vertex Form | Intercept Form |

|  |  |
| --- | --- |
| How to find the  x – intercept: | How to find the  y – intercept: |
| Example: | Example: |

How to find the Vertex: (max or min) Example:

**Solving Quadratics**

|  |  |
| --- | --- |
| **Square Root:** | **Factoring:** |
| **Completing the Square:** | **Quadratic Formula:** |