Graphing Linear Equations: Guided Notes

# Step 1: Plot Points

# Step 2: Solid or Dashed Line?

|  |  |
| --- | --- |
| **Solid Line** | **Dashed Line** |
| Diagram  Description automatically generated | A picture containing chart  Description automatically generated |
|  |  |

# Steps 3 & 4: Pick a “Test Point” & Shade

* If the test point makes the inequality \_\_\_\_\_\_\_\_\_\_, shade \_\_\_\_\_\_\_\_\_\_ the test point.
* If the test point makes the inequality \_\_\_\_\_\_\_\_\_\_, shade \_\_\_\_\_\_\_\_\_\_ the test point.

# Examples

**1)** Graph: 2*y* < 3*x* – 2

Calendar

Description automatically generated with medium confidence

**2)** Graph: 2*y* – 4*x* ≥ 6

Calendar

Description automatically generated with medium confidence