Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_ Period: \_\_\_\_\_\_\_ Date: \_\_\_\_\_\_

**2.3B NOTES – Multiple Transformations**

*OBJECTIVE: Identify reflections. Reflect figures in the x-axis or the y-axis of the coordinate place. CCSS: 8.G.1, 2 and 3*

*HW: 2.3B pg 58 #10-16 even, 19-25 all*

|  |  |
| --- | --- |
| 1.    Image result for graphing  A’: L’: T’:  A’’: L’’: T’’: | 2.  Image result for graphing  T’: A’: B’:  T’’: A’’: B’’: |
| 3.  Image result for graphing  C’: A’: B’:  C’’: A’’: B’’: | 4.  Image result for graphing  E’: A’: T’:  E’’: A’’: T’’: |
| 5.  The coordinates of a point and its image are given. Is the reflection in the x-axis or the y-axis? Explain.  (-8, 3) 🡪 (8, 3) | 6.  The coordinates of a point and its image are given. Is the reflection in the x-axis or the y-axis? Explain.  (-2, 4) 🡪 (-2, -4) |
| 7.  Identify and describe the transformations to get to the final answer.    PRE-IMAGE  IMAGE  Describe in words:  Write in coordinate notations: | 8.  Identify and describe the transformations to get to the final answer.    Describe in words:  Write in coordinate notations: |