**Unit 1 Geometry Day 1 – 10 Review**

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| **Transformation** | **Mapping Formulas** |
| Image result for rotations reflections and translations practice worksheet | **Example:** Translate 5 units right and 3 units down.(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) |  **Example:** Translate using the vector $\left〈-2, 1\right〉$.(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) |
| Image result for rotations reflections and translations practice worksheet | **90⁰ Clockwise**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) | **90⁰ Counter Clockwise**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) | **180⁰**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) |
| Image result for rotations reflections and translations practice worksheet | **Over the y-axis**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) | **Over the x-axis**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) |
| **Over the line y = x**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) | **Over the line y = -x**(x, y) → (\_\_\_\_\_\_, \_\_\_\_\_\_) |