**Directions:** Graph the image of each figure using the transformation given. Be sure to give the coordinates of the each image’s vertices.

|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| 8. |  |
| 9. |  |

Write rules for the following transformations. Be sure to use the correct notation.

|  |  |
| --- | --- |
| 10. | 11. |
| **Rule:** | **Rule:** |
| 12. | 13. |
| **Rule:** | **Rule:** |
| 14. | 15. |
| **Rule:** | **Rule:** |