**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:** |