**BLM 7.SS.5.5: Recording Transformations: Travel Logbook**

**Logbook for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Trip/Shape  Transformation Number | Coordinates  of the  Pre-image (Shape) | Identification of the Transformation(s) (Translation, Reflection, Rotation, and Directions) | Coordinates of the Image | Description of  Horizontal and Vertical  Movements | Changes in the *x*/*y* Coordinates  (image *x* – shape *x*),  (image *y* – shape *y*) | Changes or Constants in the Orientation of the Image Compared to the Shape |
| Vertex |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | | | | | | |
|  |  |  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | | | | | | |