Transformation Cards

**Geometry**

**Unit 1 Line Master 9**

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| **Card 1**  Translate 3 units up.  Reflect in the *x*-axis. | **Card 2**  Rotate 180° about a vertex.  Reflect in the *y*-axis. | **Card 3**  Translate 4 units left,  1 unit down.  Reflect in the *x*-axis. |
| **Card 4**  Translate 3 units right.  Rotate 90° clockwise about the origin (0, 0). | **Card 5**  Reflect in the *y*-axis.  Translate 2 units left,  5 units down. | **Card 6**  Rotate 270° counterclockwise about the point (1, 1).  Translate 3 units right, 4 units up. |
| **Card 7**  Reflect in the *x*-axis.  Rotate 90° counterclockwise about a vertex. | **Card 8**  Rotate 180° about the origin (0, 0).  Translate 4 units left,  1 unit up. | **Card 9**  Translate 1 unit right,  2 units down.  Reflect in the *y*-axis. |