Transformation Vocabulary

# Vocabulary

* **transformation:** a function (rule) that changes the figure in some way
* **preimage:** the original figure, before any transformation(s); the input
* **image:** the final figure; the result from applying the transformation(s); the output

| A diagram of a triangle  Description automatically generated | Verbal Description |
| --- | --- |
| Translate the preimage 4 units right  and 2 units down. |
| Algebraic Rule |
|  |
| Mapping Notation | |
| ***Read:*** *Point A maps to point A prime.* | ***Read:*** *Polygon A, B, C, D maps to polygon  A prime, B prime, C prime, D prime.* |