## Honors Geometry

## **Notes Section 9.1**

**Translate Figures and Use Vectors** 

## VOCABULARY

lmage:	new figure resulting from a transformation
Preimage:	original figure prior to transformation
lsometry:	a transformation that preserves length and angle measure.
Vector:	a quantity that has both direction and magnitude (size);
Initial Point: starting point of a vector	
Terminal Point: ending point of a vector	
<b>Component Form:</b> <pre></pre>	
Horizontal Component: x - coordinate direction	
Vertical Component: y - coordinate direction	
<b>Translation:</b> a transformation that moves ever point of a figure the same distance in the same direction.	





