

## ANALYSIS OF TRANSFORMATIONS

Fill in the table below to describe objects that result from the various transformations we have studied.

	Points that map to themselves	Lines that map to themselves	Lines that map to parallel lines
Translation from A to B			
A $180^\circ$ rotation around point $C$			
A non- $180^\circ$ rotation around point $C$			
A line reflection in line $k$			
A glide reflection from A to B			
A dilation centered at point $C$ with scale factor $k > 0$			