

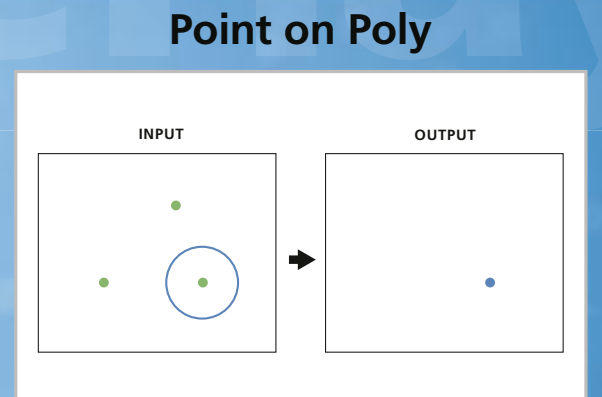
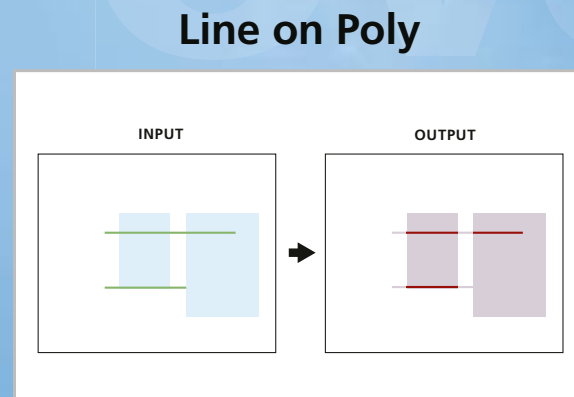
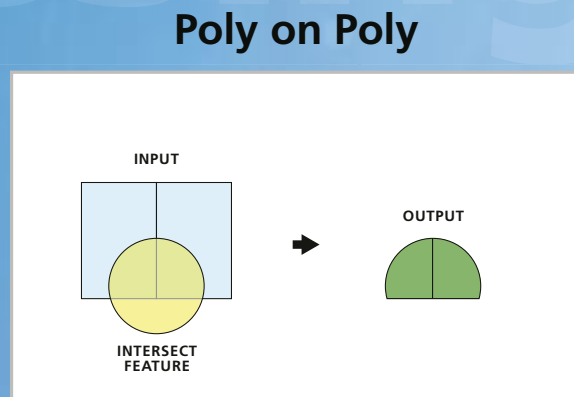
# ArcGIS 9

## Geoprocessing Overlay and Extract Tools

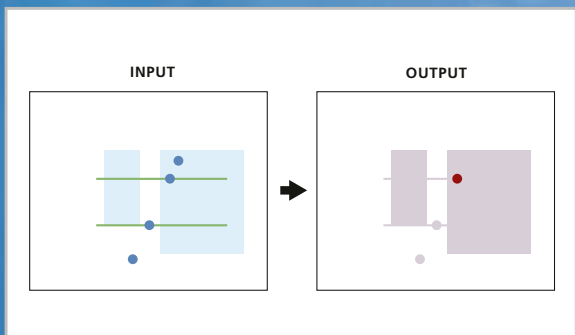
Extract Tool

### INTERSECT

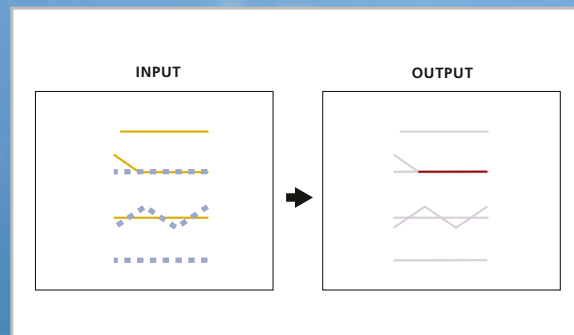
Computes a geometric intersection of the input features.  
Features or portion of features common to all inputs will be written to the output with the attributes from the input features.



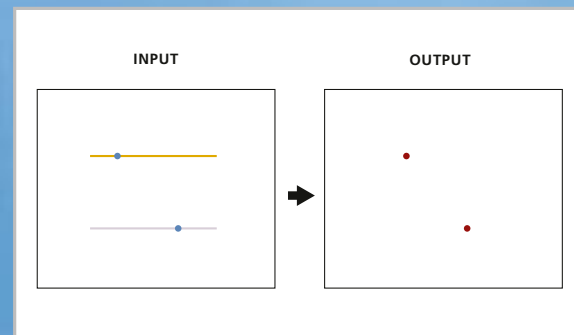
### Any Combination



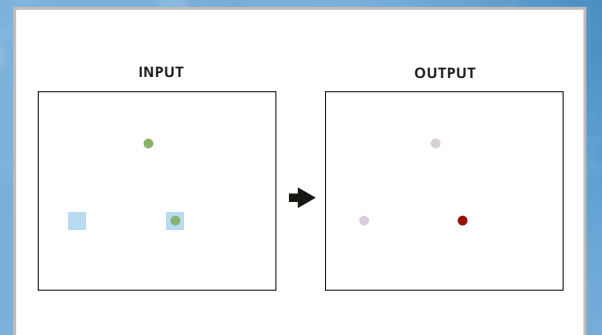
### Line on Line



### Point on Line



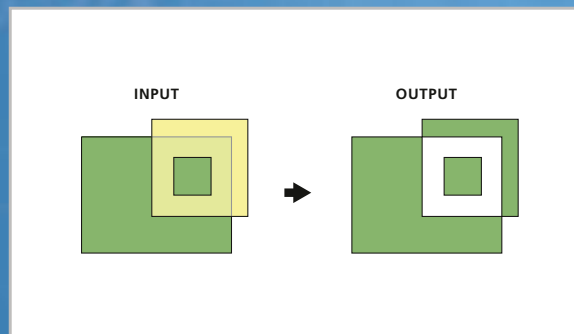
### Point on Point



### Poly on Poly

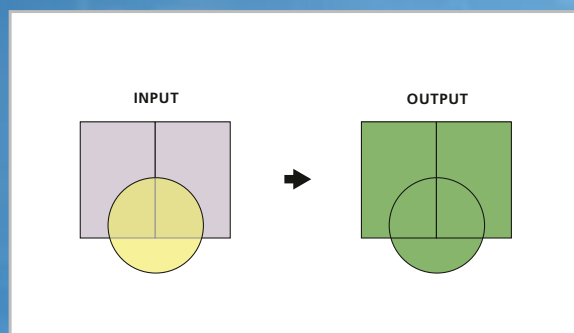
### SYMDIFF

Computes a geometric intersection of the input and difference features.  
Features or portion of features common to only one of the input will be written to the output.



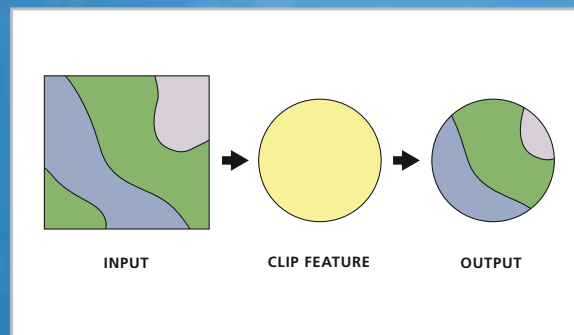
### UNION

Computes a geometric intersection of the input features.  
All input features will be written to the output with the attributes from the input features.

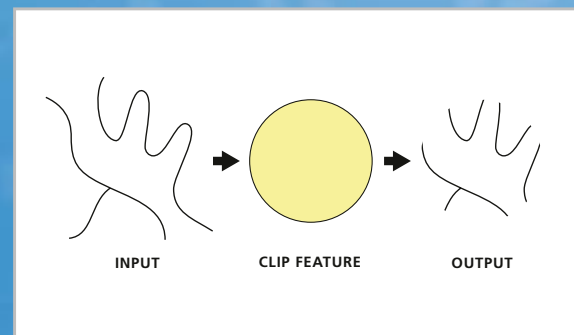


### CLIP

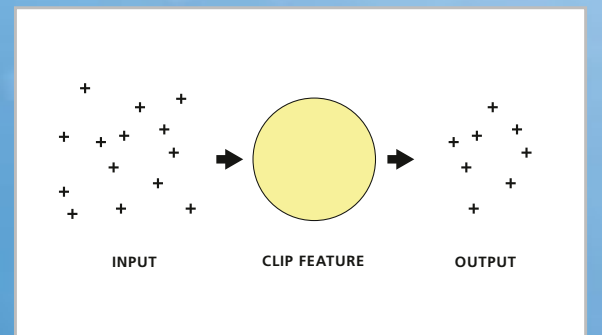
Computes a geometric intersection of the input and clip features.  
The input features or portion of input features which overlap clip features will be written to the output.



### Line on Poly

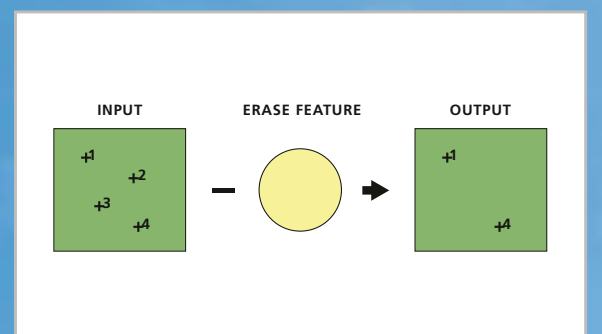
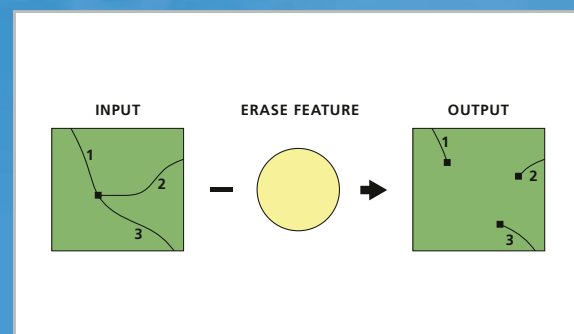
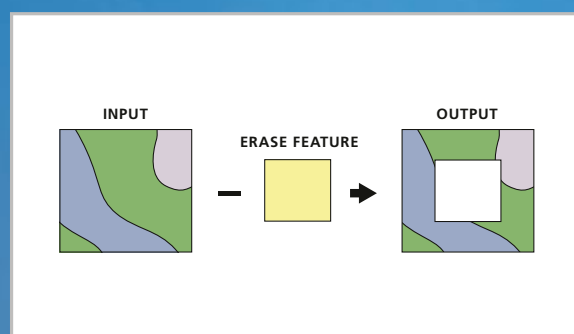


### Point on Poly



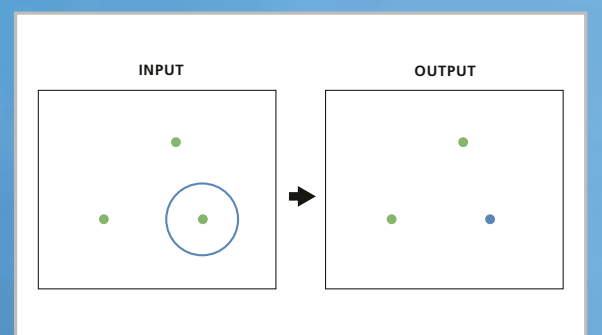
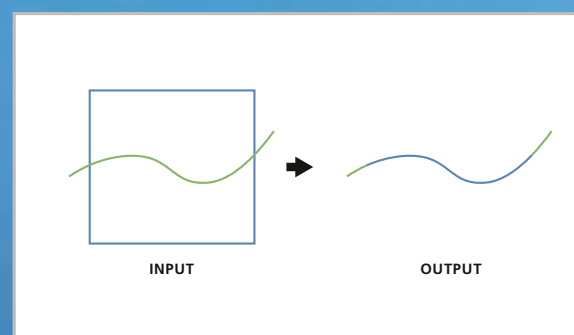
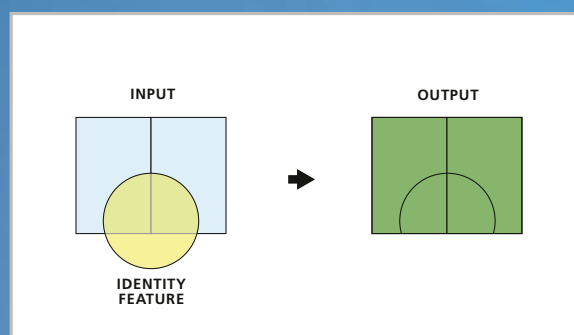
### ERASE

Computes a geometric intersection of the input and erase features.  
The input features or portion of input features which do not overlap clip features will be written to the output.



### IDENTITY

Computes a geometric intersection of the input and identity features.  
The input features or portion of input features which overlap identity features will get the attributes from the identity feature as well as the attributes from the input features.



### UPDATE

Computes a geometric intersection of the input and update features.  
The input features or portion of input features which overlap update features will be replaced by the update features.

