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**Chapter 4**  
**Erase and Selection Sets**


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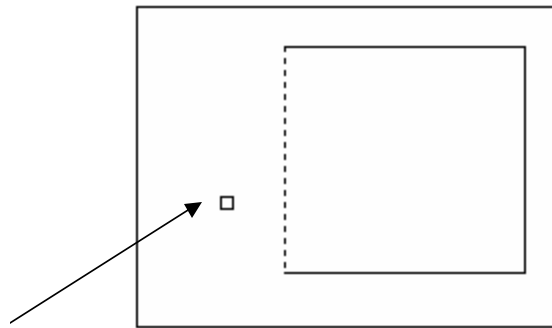
# AutoCAD 2D Tutorial

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## 4.1 Erase and Selection Sets

### Erasing Objects

1. **Choose** Modify, Erase.  
**or**
2. **Click** the Erase icon.   
**or**
3. **Type** ERASE at the command prompt.  
Command : **ERASE** or **E**
4. **Pick** Object at the select object prompt.  
Select objects: (**pick object**)
5. **Press** ENTER when you are done choosing objects.  
Select objects: **ENTER**



Select  
objects with  
pickbox

#### TIP:

- If the cursor is not touching an object, AutoCAD will create a crossing or window selection as defined on the following pages.

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## 4.2 Selection Set Options

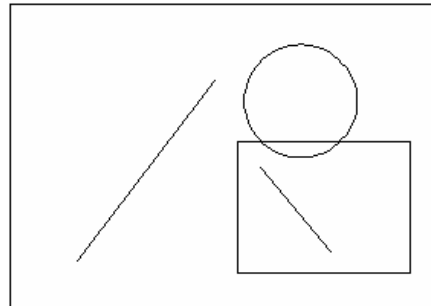
Type one of the following options at the Select objects: prompt:  
(point)One object.

<b>ALL</b>	All objects within the drawing are selected unless they are on frozen or locked layers.
<b>Multiple</b>	Multiple objects selected without high lighting (faster edits).
<b>Last</b>	Last object.
<b>Previous</b>	All objects in the previous selection-set.
<b>Group</b>	Objects in a named group.
<b>AUto</b>	Automatic BOX (if pick in empty area).
<b>Single</b>	One selection (any type).
<b>Add</b>	Add mode: adds following objects to selection-set.
<b>Remove</b>	Remove mode: removes following objects from selection-set.

## Window and Crossing

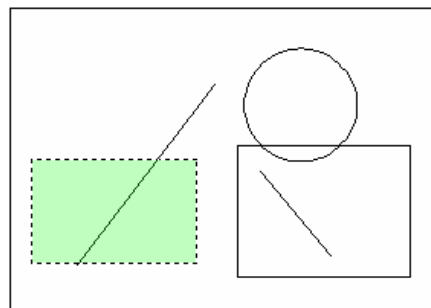
### Window

Objects fully enclosed within Window.



### Crossing

Objects within or Crossing a window.

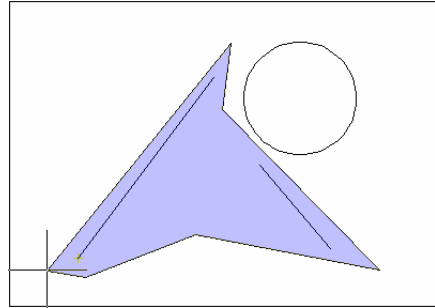


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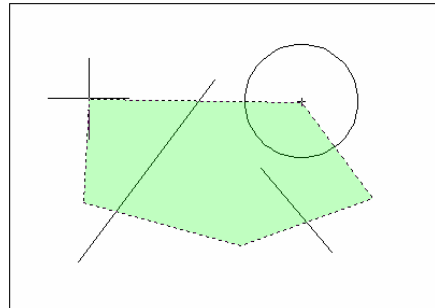
## WPolygon

All entities within the boundaries of a polygon created by inputted points.



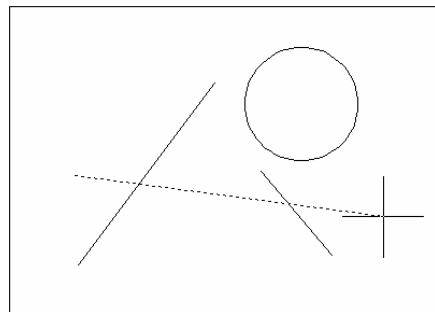
## CPolygon

All entities within or touching the boundaries of a polygon created by input.



## Fence

Objects that are crossed by a temporary line.



## Remove from Selection Set

1. Press **SHIFT** and select entities to remove them from the selection set.

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## 4.3 OOPS

Reinserts the last erased set of objects or block even if it was not the last command issued. Otherwise Oops acts like UNDO.

1. **Type**            OOPS at the command prompt to reinsert erased objects  
                          Command: **OOPS**

## 4.4 Selection Preview

SELECTIONPREVIEW

Controls the display of selection previewing