Relationships

Geometric relationships control the orientation of an element with respect to another element or reference plane. For example, you can define a tangent relationship between a line and an arc. If the adjoining elements change, the tangent relationship is maintained between the elements.
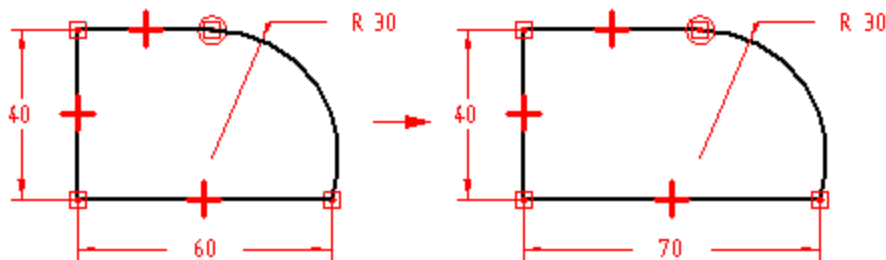
Geometric relationships control how a sketch changes when edits are made. IntelliSketch displays and places geometric relationships as you draw. After you complete the sketch, you can use the various relationship commands and the Relationship Assistant to apply additional geometric relationships.

Relationship Handles
Relationship handles are symbols used to represent a geometric relationship between elements, keypoints, and dimensions, or between keypoints and elements. The relationship handle shows that the designated relationship is being maintained.