

Exercise 11-2

1. Continue from Exercise 11-1 or start AutoCAD.
2. Start a new drawing from scratch or use a template of your choice. Save the drawing as EX11-2.
3. Draw objects similar to the “Before Fillet” objects shown in Figure 11-3.
4. Use the **Trim** and **No trim** options as needed to create objects similar to the “After” objects shown in Figure 11-3.
5. Draw two parallel lines with different lengths similar to the lines shown below. Use the **FILLET** command and **Trim** option to apply a full radius to one end of the lines. Use the **FILLET** command and **No trim** option to create an arc at the other end of the lines as shown.



Before Fillet



After Fillet

(AutoCAD ignores the current fillet settings and applies a full radius between the parallel lines.)

6. Draw two separate nonparallel and nonintersecting polyline segments with endpoints that would intersect if extended. Use the **FILLET** command and a radius of 0 to connect the polylines and form a single polyline object with a sharp corner.
7. Draw three linked (consecutive and intersecting) nonparallel polyline segments with endpoints that would intersect if extended. Use the **FILLET** command and an appropriate radius greater than 0 to connect the endpoints and form a single polyline object with a rounded corner.
8. Resave and close the file.
9. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.