

## Exercise 3-6

1. Continue from Exercise 3-5 or start AutoCAD.
2. Start a new drawing from scratch using the imperial format. Save the drawing as EX3-6.
3. Disable the grid and snap modes if they are on.
4. Access the **Drafting Settings** dialog box. In the **Snap and Grid** tab, enter .5 for the X and Y grid spacing values. Close the dialog box.
5. Toggle grid mode on from the status bar. Each grid line you see indicates an on-screen spacing of .5 units.
6. Access the **Drafting Settings** dialog box. In the **Snap and Grid** tab, enter .25 for the X and Y snap spacing values. Close the dialog box.
7. Toggle snap mode on from the status bar.
8. Access the **LINE** command and move the crosshairs around the screen. Notice how the crosshairs snaps to .25 unit increments. These increments are half the spacing of the .5 unit grid. Use grid and snap to draw a 4.0-unit by 6.0-unit rectangle accurately.
9. Toggle snap mode off from the status bar.
10. Access the **LINE** command and move the crosshairs around the screen. You should notice complete freedom of movement. Exit the **LINE** command without drawing any lines.
11. Resave and close the file.
12. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.