Answers to Chapter 7 Review

1. Define the term *object snap*.

*Answer:* A tool that locates an exact point, such as an endpoint, midpoint, or center point, on or in relation to an existing object.

2. Name the following AutoSnap markers.

*Answer:*
A. Insertion
B. Quadrant
C. Center
D. Node
E. Apparent Intersection
F. Endpoint
G. Midpoint
H. Perpendicular
I. Tangent
J. Intersection
K. Extension
L. Parallel
M. Nearest

3. Define the term *running object snap*.

*Answer:* An automatic object snap mode that runs in the background while you work.

4. How do you access the **Drafting Settings** dialog box to change object snap settings?

*Answer:* Right-click on the **Object Snap** button or the **Object Snap** flyout on the status bar and select **Object Snap Settings...** or type DSETTINGS at the keyboard.

5. How do you set running object snaps?

*Answer:* Right-click on the **Object Snap** button or pick the **Object Snap** flyout on the status bar to select modes to activate. You can also select the desired modes in the **Object Snap** tab of the **Drafting Settings** dialog box.

6. Why should you activate only the running object snaps you use most often?

*Answer:* Too many running object snaps can make it difficult to snap to the appropriate location, especially on detailed drawings with several objects near each other.
7. What is an object snap override?

Answer: An object snap override is a method of isolating a specific object snap mode while using a drawing or editing command. The selected object snap temporarily overrides the running object snap modes.

8. How do you access the Object Snap shortcut menu?

Answer: After accessing a command, hold down [Shift] or [Ctrl] and right-click.

9. Where are the four quadrant points on a circle?

Answer: The quadrant points are at the 0°, 90°, 180°, and 270° points on the circumference of the circle.

10. What does it mean when the tooltip reads Deferred Perpendicular?

Answer: The calculation of the perpendicular point is delayed until another point is picked.

11. What is a deferred tangency?

Answer: A calculation of the point of tangency that is delayed until another point is picked.

12. What is an acquired point?

Answer: A point found by moving the crosshairs over a point on an existing object to reference the point when picking a new point.

13. What two display features does AutoTrack use as drawing aids to help you align new objects with existing geometry?

Answer: Alignment paths and tracking vectors.

14. What are the two requirements to use object snap tracking?

Answer: Running object snaps must be active, and the crosshairs must hover over the intended selection long enough to acquire the point.

15. What would you enter to specify a 40° polar tracking override?

Answer: <40