Chapter 15 Review

Point Clouds

**Name:** **Click here and type your name**

Click in the shaded area and type your answer for each question. Use the [Tab] key to move from one answer field to the next.

 1. What is a *point cloud*?

Click here and type your answer

 2. Name at least three applications for which a point cloud can provide accurate data for design and modeling purposes.

 3. In Autodesk ReCap Pro, what is the name of the process in which scan files are converted to point cloud files?

 4. In Autodesk ReCap Pro, what is the name of the process in which multiple scans are merged into one coordinate system?

 5. What is a *limit box*?

 6. What is a *scan region*?

 7. What command is used to attach a point cloud in AutoCAD?

 8. Explain how to adjust the point size and density of a point cloud after it has been inserted into an AutoCAD drawing file.

 9. What command is used to extract a line object from an edge in a point cloud where two planar surfaces intersect?

 10. What command is used to extract a point object from a point cloud where three planar surfaces intersect?