Chapter 8 Review

Construction Tools and Multiview Drawings

**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. List two ways to establish an offset distance using the OFFSET command.

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2. Which option of the OFFSET command allows you to remove the source offset object?

3. How do you draw a single point, and how do you draw multiple points?

4. How do you access the Point Style dialog box?

5. If you use the DIVIDE command and nothing seems to happen, what should you do to make the points visible?

6. How do you change the point size in the Point Style dialog box?

7. What command can you use to place point objects that mark 24 equal segments on a line?

8. What is the difference between the DIVIDE and MEASURE commands?

9. Why is it a good idea to put construction lines on their own layer?

10. Name the command that allows you to draw infinite construction lines.

11. Name the option that allows you to bisect an angle with a construction line.

12. What is the difference between the construction lines drawn with the command identified in Question 10 and rays drawn with the RAY command?

13. Name the six 2D views possible in orthographic projection.

14. Provide at least four guidelines for selecting the front view of an orthographic multiview drawing.

15. How do you determine how many views of an object are necessary in a multiview drawing?

16. When can you describe a part with only one view?

17. When does a drawing require an auxiliary view?

18. What is a removed view?

19. What is the angle of projection from the inclined surface to the auxiliary view?

20. Describe an effective method of constructing an auxiliary view even if you do not know the angle of the inclined surface.