Chapter 4 Review

Basic Object Commands

**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. When you use the Center, Radius option of the CIRCLE command, what are the options for specifying the radius?

Click here and type your answer

2. Explain how to create a circle with a diameter of 2.5 units.

3. What option of the CIRCLE command creates a circle of a specific radius that is tangent to two existing objects?

4. Define the term point of tangency.

5. What option of the CIRCLE command draws a circle tangent to three objects?

6. Explain the procedure to draw an arc beginning with the center point and having a 60° included angle.

7. Define the term included angle as it applies to an arc.

8. What is the default option if you enter the ARC command at the keyboard?

9. List two input options that you can use to draw an arc tangent to the endpoint of a previously drawn arc.

10. Name the two axes found on an ellipse.

11. Describe the procedure to draw an ellipse using the Axis, End option.

12. What ELLIPSE rotation angle results in a circle?

13. How do you draw an arrowhead with a sharp point using the PLINE command?

14. Which PLINE option allows you to specify the width from the center to one side?

15. Explain how to turn off the fill display for polyline objects.

16. Describe how to create a polyline parallel to a previously drawn line or polyline.

17. Explain how to draw a hexagon measuring 4″ (102 mm) across the flats.

18. Name at least three commands you could use to create a rectangle.

19. Name the command option used to draw rectangles with rounded corners.

20. Name the command option designed for drawing rectangles with a specific line thickness.

21. Explain how to draw a rectangle at an angle other than 0°.

22. Describe a method for drawing a filled circle.

23. Explain how to draw two donuts with an inside diameter of 6.25 and an outside diameter of 9.50.

24. Name the command you can use to create a true spline.