

Name \_\_\_\_\_ Date \_\_\_\_\_

**Directions:**

Directions: You may need a sheet of graph paper, a ruler, and a compass.

**Directions:**

1. Read all the instructions carefully.
2. Draw an oval approximately 10cm.
3. Marked on your sheet several rectangles and on the left side several straight vertical lines.
4. Labeling them, number your paper 1-8.
5. Write the title of this work on your name.
6. On the rectangle 1, write the name of the person who is called **Archimedes**.
7. On the rectangle 2, draw a rectangle with a long side.
8. On the center of the paper, draw three circles with radii of 10cm, 20cm, 30cm.
9. Construct a circle of radius 40 cm, which is tangent to the circles.
10. Draw the line from the center of the circle with a radius of 40 cm.
11. Copy the height construction of the rectangles.
12. Draw a line in the middle of the side of the line.
13. Copy the center of the circle with a radius of 40 cm.
14. Draw your paper approximately.
15. Write out the construction of the construction.
16. Draw your paper with a ruler.
17. On the paper, draw a circle with a radius of 40 cm.
18. Draw a rectangle.
19. Write the construction of your drawing on the paper.
20. Draw a line through the center of the circle with a radius of 40 cm.
21. Label the line with the name.
22. Draw the circle with a radius of 40 cm.
23. Draw the line with a radius of 40 cm.
24. Draw the line with a radius of 40 cm.
25. Write your name on the circle.
26. Label the line with a radius of 40 cm.
27. Label the line with a radius of 40 cm.