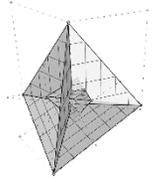
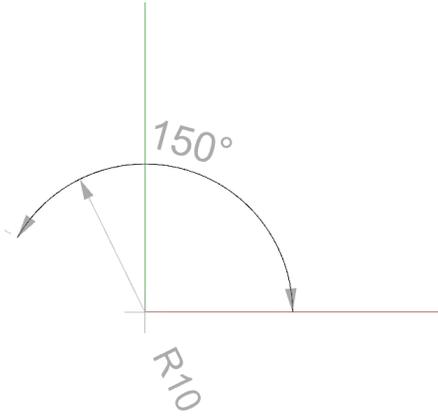


Ankara Yıldırım Beyazıt University
Department of Architecture
ARCH 147 Architectural Geometry
Assignment 1 due:06/10/22

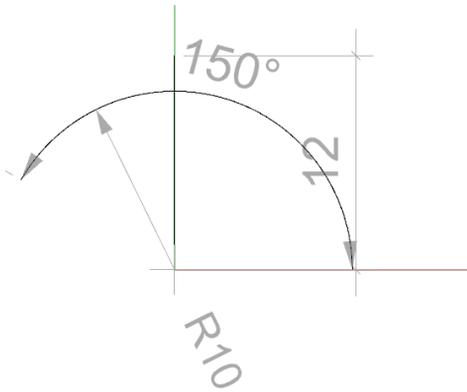


1. Draw an arc specified in the following picture (drawing unit is cm). The origin is at (0,0,0). The radius of the arc is 10 cm and the angle dimension is 150°.



2. Draw a line specified in the following order: The starting point of the line is (0,0,10), and the end-point is (0,12,10) (drawing unit is cm).

3. The top view of these two geometries is given below



4. Create a surface connecting these two geometries.
5. Demonstrate your surface with a physical model. Feel free to choose any type of material.