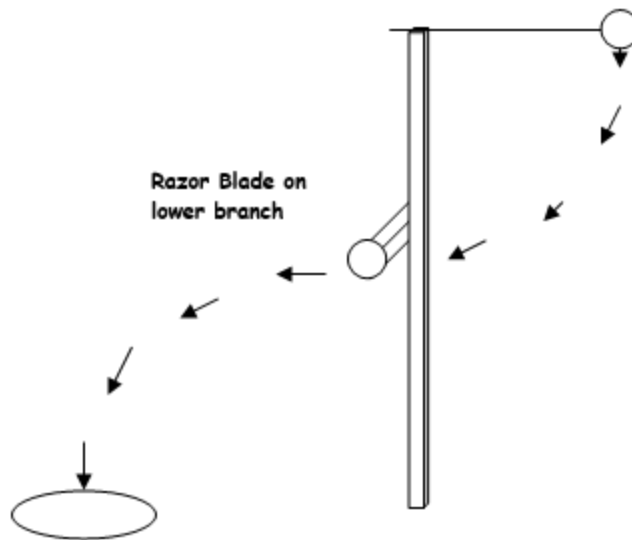


# Energy Lab Practicum

**Purpose:** To find the landing point of the bob as it is cut from the pendulum.

**Procedure:** Take the bob of the pendulum, and pull it back so that it is almost parallel to the floor (not perfectly, because we want the string to remain taught). Then release it. There is a razor blade affixed to a horizontal bar at the bottom of the pendulum's swing. The blade will cut the string allowing the sphere to become a projectile.

Your assignment is to calculate the location on the floor where the bob is going to hit. Place the target on the calculated location. Cover with carbon paper. For full credit, the pendulum bob must land in the target. NO PRACTICE before launch! Good Luck!



**TARGET**

