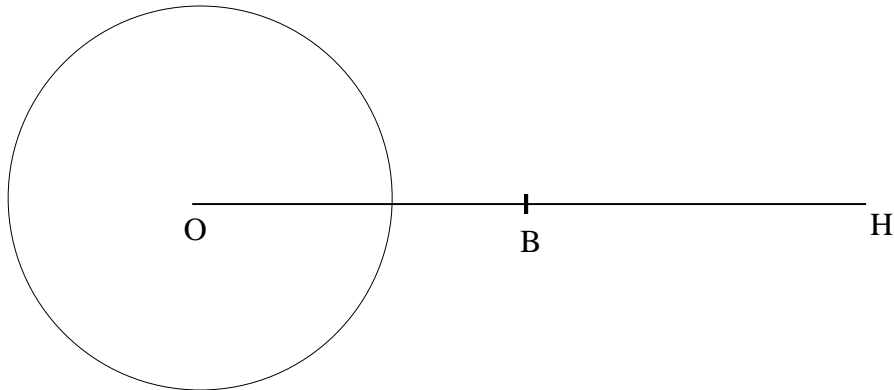
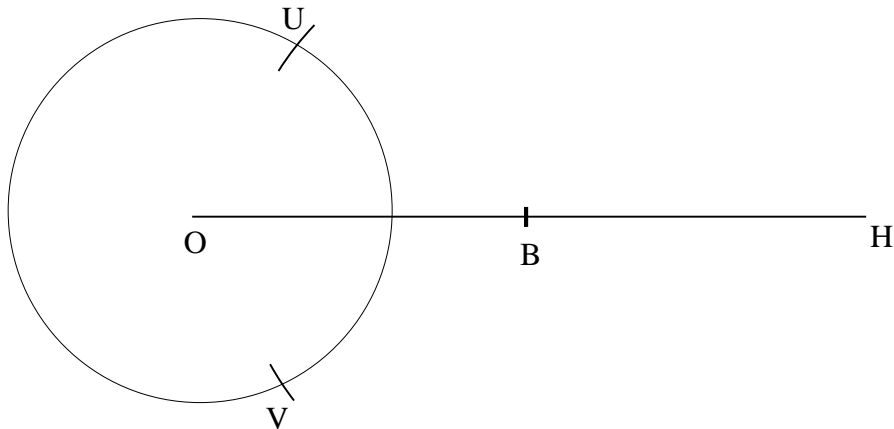


1. Draw a circle of suitable radius, though less than 3 in and label the center as O.
2. Select a point outside the circle and label it H.
3. Connect O to H
4. Bisect OH and let the bisector intersect it at B.



5. Using B as the center and OB as the radius, draw an arc to intersect the circle twice. Label the intersections as U and V.



6. Connect U to H and O, and V to H and O
7. Measure angle OUH and OVH, what do you notice?

In this activity, students learn how to construct a tangent to a circle. They will work in groups of at least 3. Each group will require a plain paper, a protractor, a pencil and a straight edge.

## Answer Keys

### Day 127:

1 - 6. No response

7. They are both approximately equal to  $90^\circ$