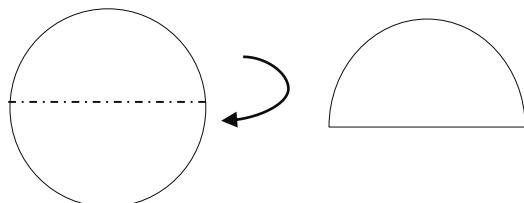


1. What is the shape of the filter paper you have?

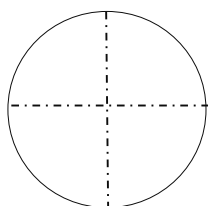
2. Fold the paper at the center into half.



3. Fold the paper again in half again as shown below.



4. Open up the paper. What is formed along the folds?



5. Put a mark at the position where the folds meet and label this as point O. What do you say about the position of point O in relation to the circle?

6. Draw a line along the folds using a ruler making sure the lines are drawn exactly along the folds. The lines should cross each other at point O.

7. How many angles are formed at the point O after drawing the lines?

8. Which type of angles are these?

9. Measure the length of one of the lines from one edge of the circle to the other in inches.

10. Then measure the length from the point O to the edge of the circle. What do you notice about the two lengths?

In this activity, you are required to help students appreciate a circle and identify its basic properties using white circular filter papers. Each student is required to have a filter paper (or any circular paper), a pencil and a ruler. The filter paper will be folded as shown below.

Answer Keys

Day 2:

1. Circular, round shape
- 2 – 3. No response
4. Two lines or creases crossing each other
5. The point is at the center of the circle
6. No response
7. Four
8. Right angles
9. No response
10. The length of the line from one edge of the circle to the other is twice the length from point O to the edge.