## Do-now:

Stand somewhere in the room so that ...
(leave your stuff where it is)
you are equidistant from the wall with the doors and the wall with windows

LOCUS = a set of points that satisfies a certain condition

Desribe the locus of points that is $\qquad$ .

The locus of points is a $\qquad$ .

## Describe the shapes shown below.



## LOCUS THEOREM \#1

Use your blocks to show the locus of points 3 inches from the point below.




Sketch the points equidistant from points $P$ and $Q$.




Sketch the points equidistant from $l_{1}$ and $l_{2}$.


