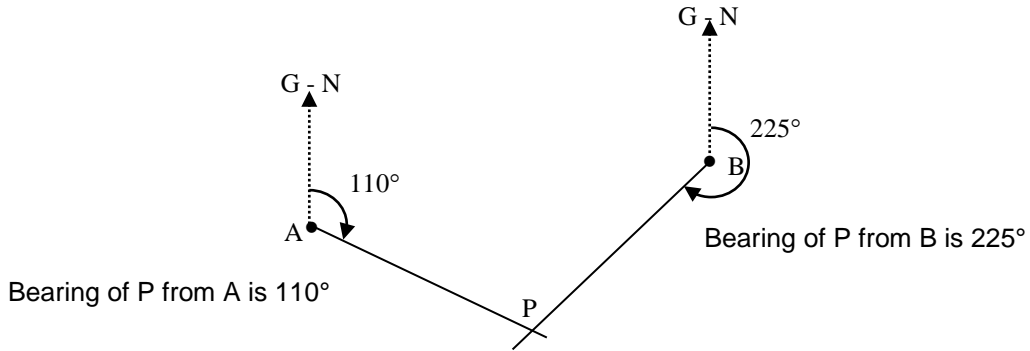


# Bearings

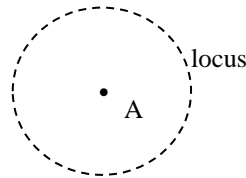
The Bearing is the angle of a point measured **Clockwise** from the **North**



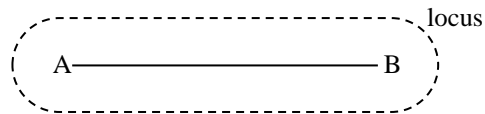
# Locus

Every point is an equal distance from a point or line.

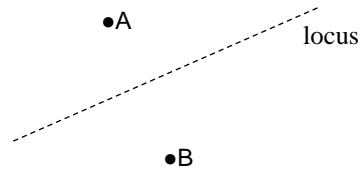
- Locus of a Point  
The locus of all the points which are the same distance from point A is a circle



- Locus of a Line  
The locus of all the points which are the same distance from the line A-B



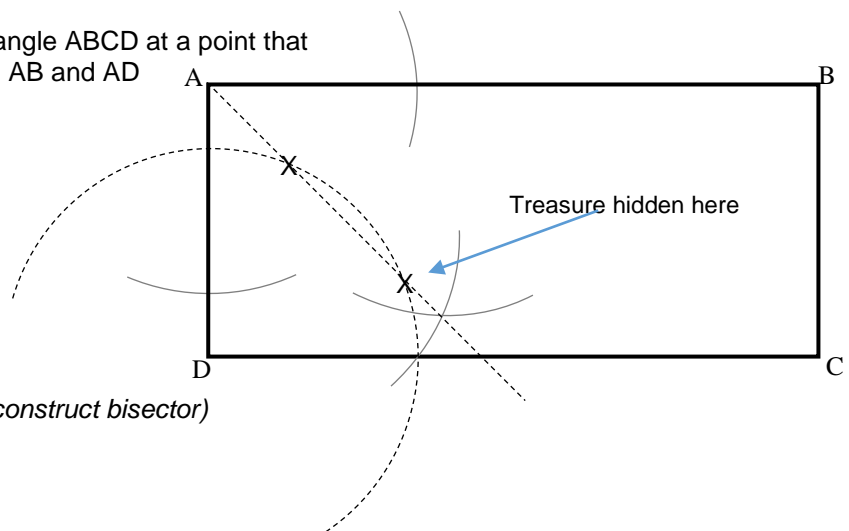
- Equidistance from two points  
The locus of all the points which are the same distance from two points is the perpendicular bisector



## Example

Treasure is hidden within rectangle ABCD at a point that

- Is equal distance from AB and AD
- 5.5cm from D
- Closer to DC than AB



(Construction arcs used to construct bisector)