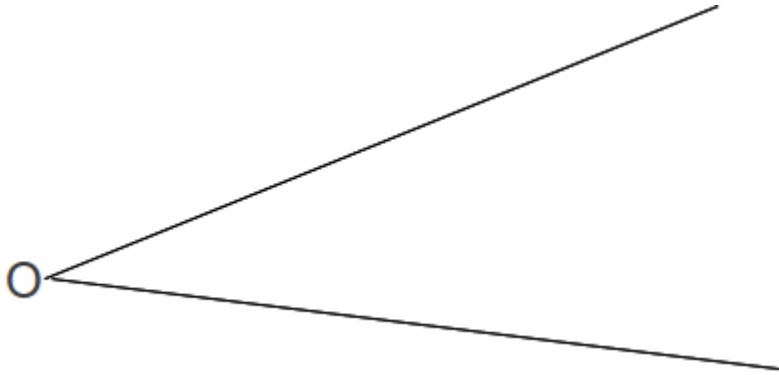
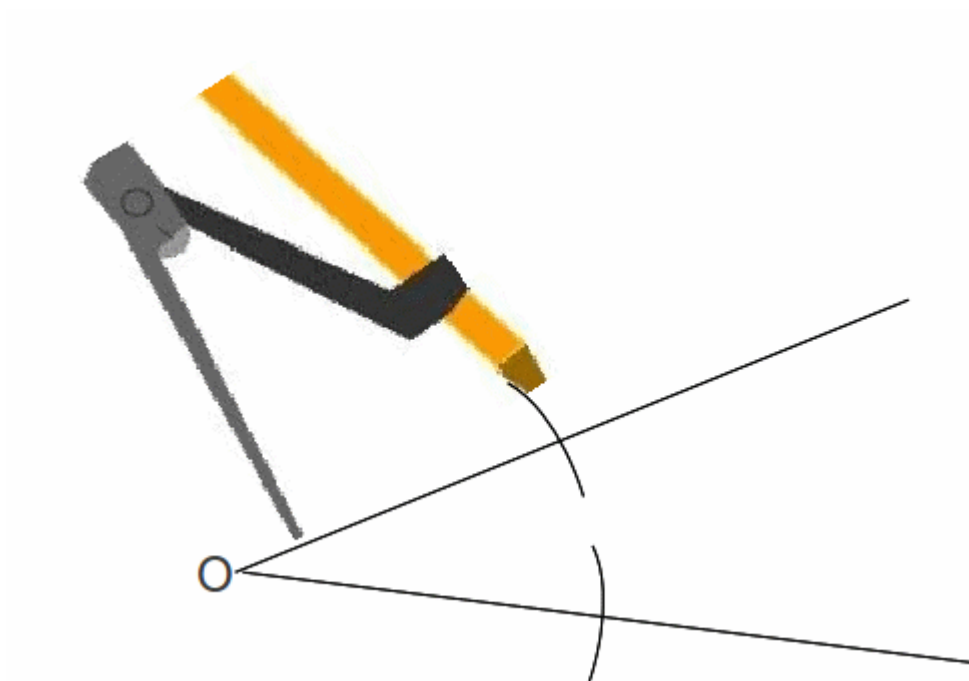


Bisecting an Angle

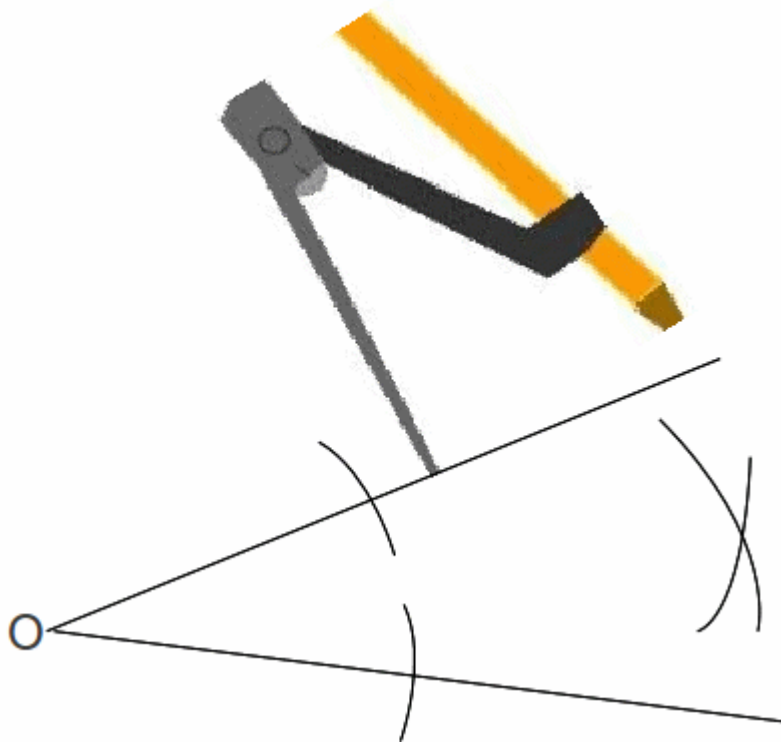
We can bisect an angle using only compasses.



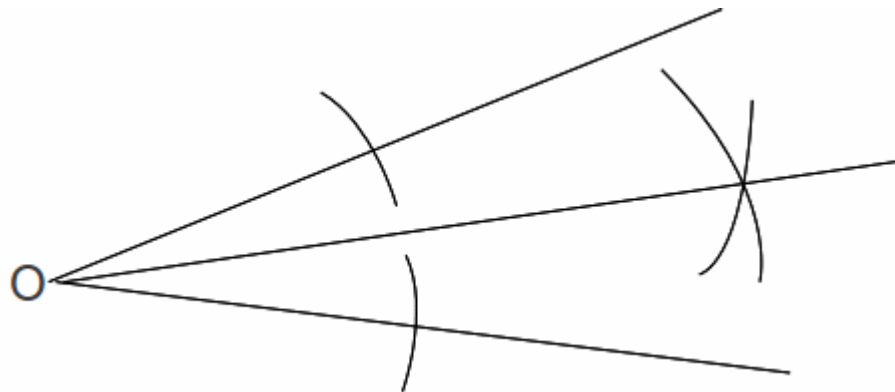
Put the point of the compass at O and draw arcs that crosses both lines that constitute the angle.



From each point where an arcs just drawn cross a line construct other arcs to cross as shown.



Now draw a line from O to where the two arcs just drawn cross.



The line just drawn bisects the angle.