

# Copy an Angle

① Start with  $\angle BAC$ , make a point  $P$  that will be the vertex of the new angle

② Draw ray  $\vec{PQ}$  in any direction

③ Place compass at point  $A$ , at any width, draw an arc across both sides of the angle creating points  $J$  and  $K$

④ Draw same arc from point  $P$ , creating  $M$

⑤ Measure distance between  $J$  and  $K$  with compass, draw an arc with this distance from point  $M$ , creating point  $L$

⑥ Draw ray  $\vec{PL}$

This completes the COPIED ANGLE.

