Bisecting an angle

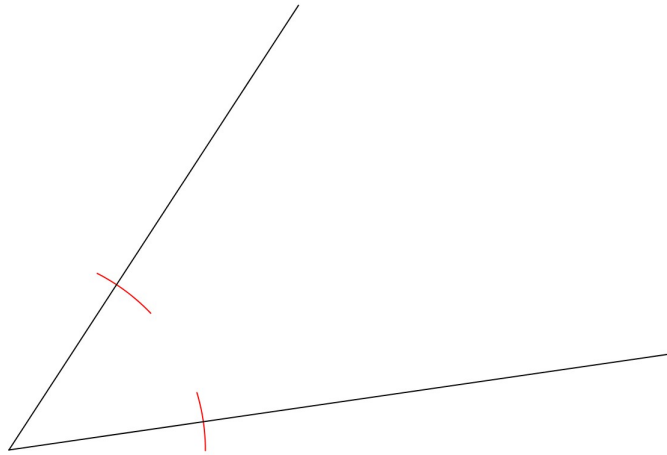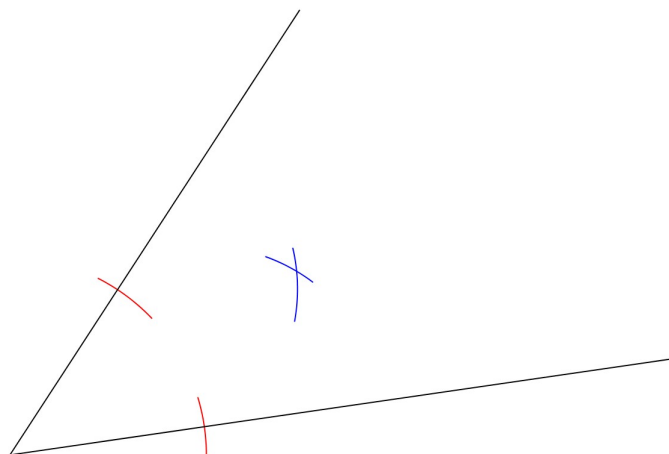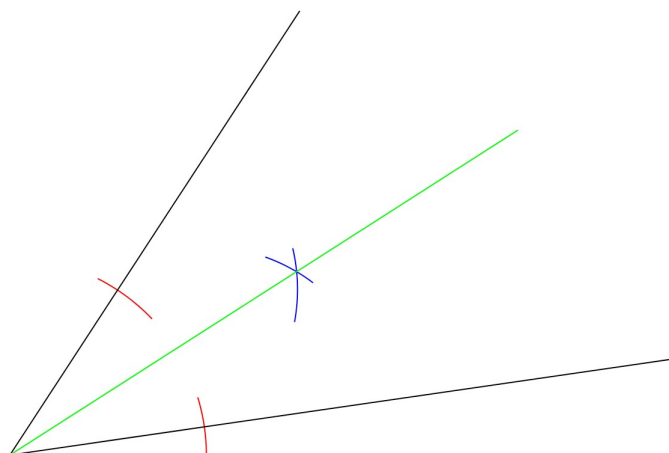|	
Draw arcs from the centre of the angle that cross the two lines. The arcs can be of any radius, but they must be of the same radius.	
Then draw two new arcs from these intersections into the middle of the angle. Again, the arcs can be of any radius, but they must be of the same radius. (It does not have to be the same as the original two arcs.)	
The line through the intersection of these two blue arcs will bisect the orignal angle.	
Check by measuring.	Do not erase construction lines (ie arcs) in any test; they are your "working out":.