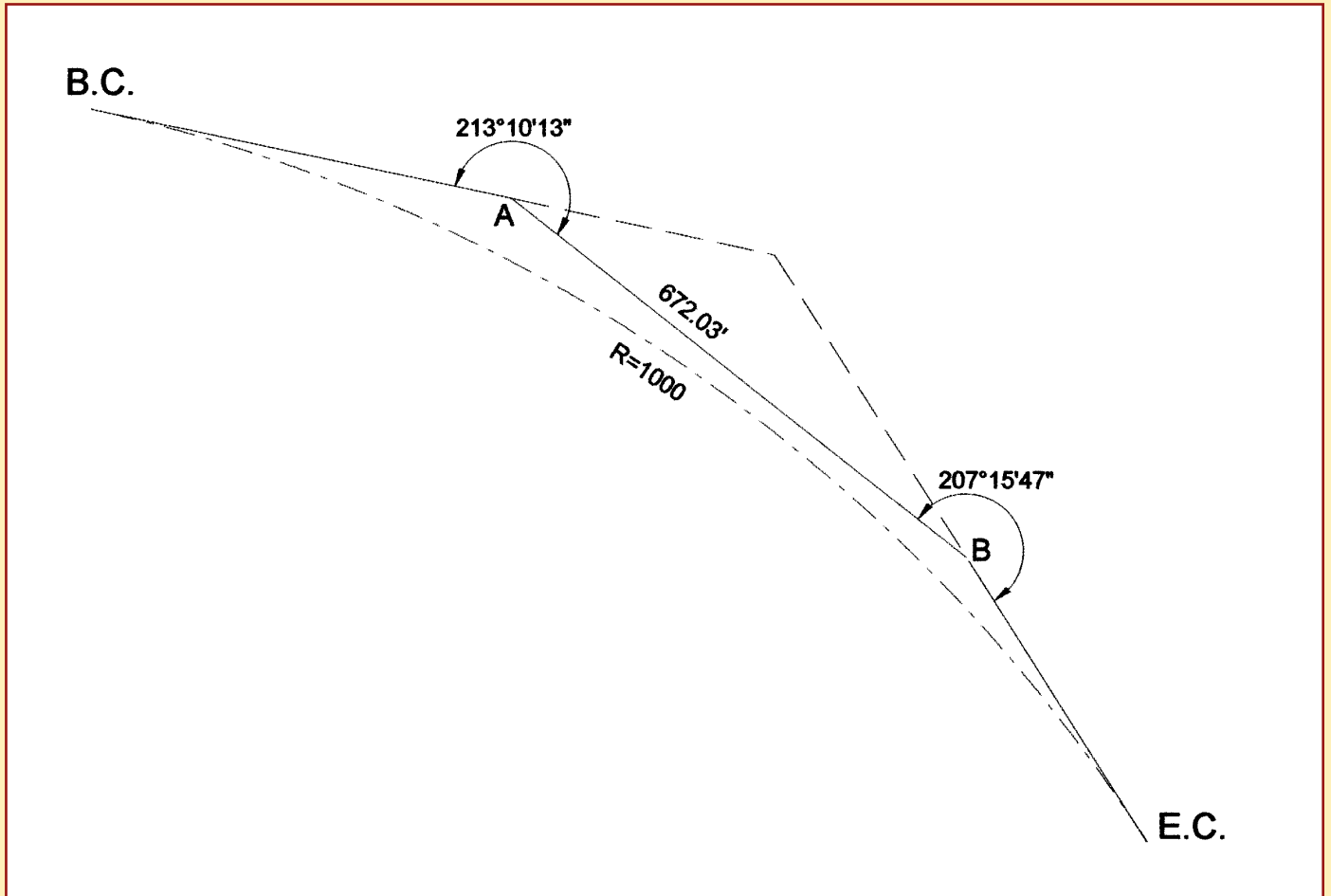




Problem 27



AN INACCESSIBLE P.I. REQUIRED KATHY AND LEONARD TO TRAVERSE ALONG A "SHORTCUT" TO MEASURE THE RELATIONSHIP OF TWO TANGENT LINES. GIVEN THE DATA SHOWN, HOW FAR SHOULD THEY MEASURE BACK FROM "A" TO ESTABLISH THE B.C. AND HOW FAR SHOULD THEY MEASURE AHEAD FROM "B" TO ESTABLISH THE E.C. FOR A CURVE OF RADIUS=1000FT.?