MODULE B

B.1 Add and subtract the following set using manual method and the second set using your own calculator. All calculations for manual method must be shown. It is important that you learn how to use your calculator for all procedures in this and the following modules.

First Set

a) 26°14'10" + 75°48'55" =

b) 184°54'13" - 12°56'2" =

c) 132°2'35" + 1°59'59" =

d) 360° - 212°14'23" =

Second Set

a) 25°12'11" - 24°30'30" =

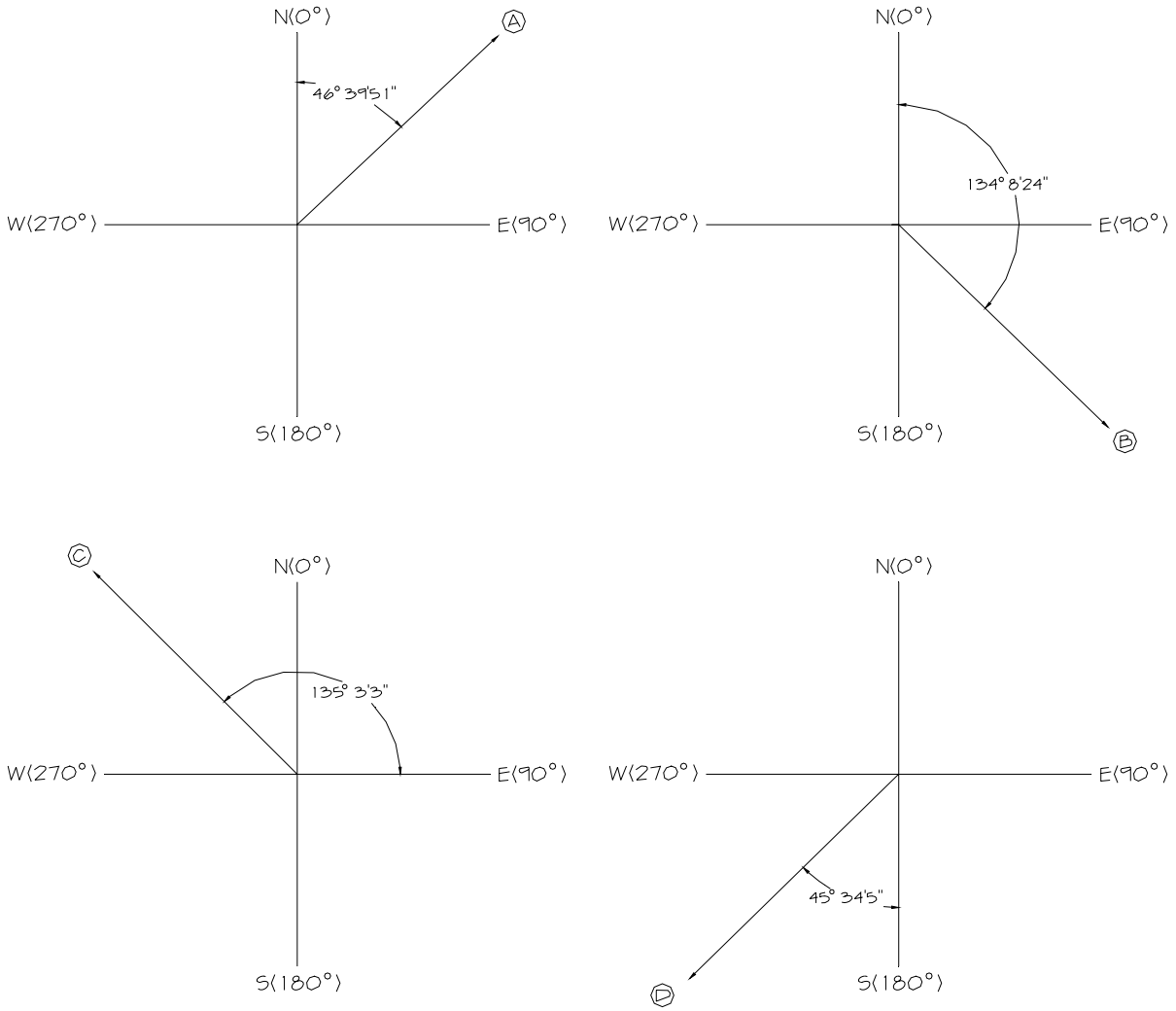
b) 359°59'60" - 90° =

c) 0°25'38" + 49°29'48" =

d) 280°29'12" + 40°29'12" =

Are the answers given in bearing angles or azimuth? (B or A) _____

B.2 Give the bearings and the azimuths for each of the following lines.



A =

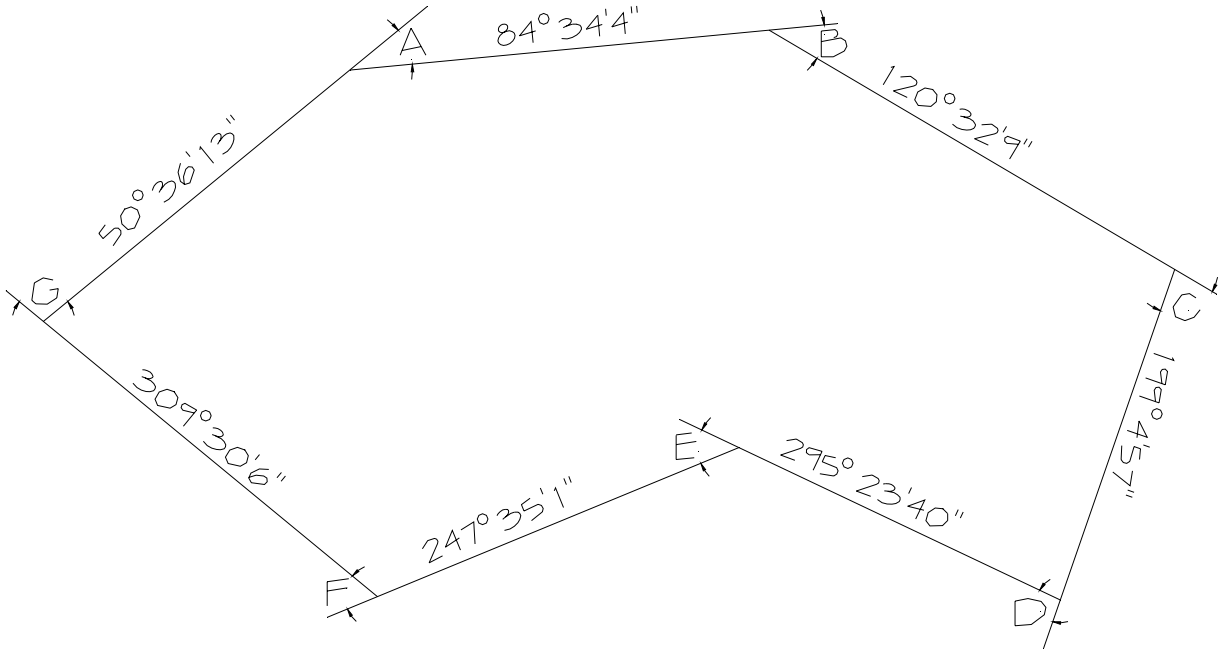
B =

C =

D =

What is the application of an azimuth?

B.3 Compute the Deflection Angles indicated below.



A =

B =

C =

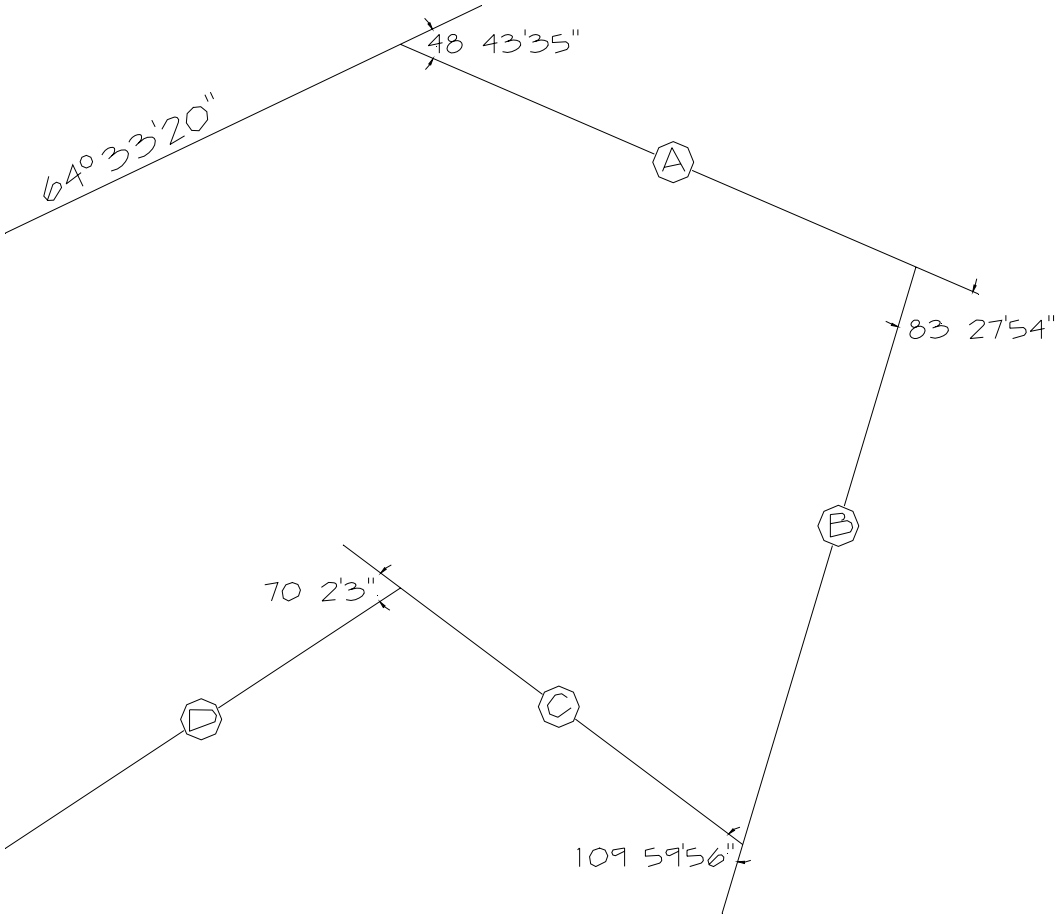
D =

E =

F =

G =

B.4 Compute the azimuth angles and then the bearing angles for each of the following lines.



A =

B =

C =

D =