

While taking Back Bearing of a line, the compass is shifted to the end point of line and same procedure is followed as it is followed while taking Fore Bearing.

Procedure:

Note: This procedure is general procedure only. This procedure, figures and table vary with the experiment given to students. Therefore students are required to write the procedure and draw figures and table according to the experiment given to them.

The Fore Bearing and Back Bearing of all lines of closed traverse (Fig 4) are measured by a Prismatic Compass.

The distances of all lines of closed traverse are measured with a chain. All the values are tabulated as below.

Observations and Tabulations:

Line	Observed		Corrected (If any local attraction)		Included Angle (BB of previous Line - FB of next line)	Distance (m)	Remarks
	FB	BB	FB	BB			
AB							
BC							
CD							
DE							
EA							

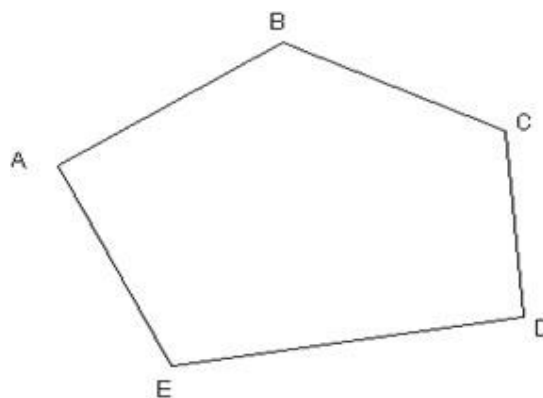


Fig 4

If the traverse running in anti clockwise direction,

$$\text{Sum of included angle} = (2n + 4) \times 90^0$$

Also the included angle = Exterior angle