9 TRAVERSING

Asterisks (*) indicate problems that have partial answers given in Appendix G.

9.1 How is angular closure achieved in a polygon traverse?

From Section 9.7, paragraph 1: "The angular misclosure for an interior-angle traverse is the difference between the sum of the measured angles and the geometrically correct total for the polygon. The sum, Σ, of the interior angles of a closed polygons should be

$$\Sigma = (n - 2)180^{\circ}$$

where n is the number of sides, or angles, in the polygon."

9.2 List the disadvantages of an open traverse.

From Section 9.1, paragraph 4: "*Open traverse should be avoided because they offer no means of checking for observational errors or mistakes*."