

18 MAPPING

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

18.1 Give the terms to which the acronyms TIN, DTM, and GIS apply.

TIN – Triangulated Irregular Network

DTM – Digital Terrain Model

GIS – Geographic Information System

18.2* On a map drawn to a scale of 1:6000, a point has a plotting error of 1/30-in. What is the equivalent ground error in units of feet?

200 in. = 6000(1/30)