

12 AREA

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

12.1* Compute the area enclosed within polygon *ABDFGA* of Figure 12.1 using triangles.

418,320 ft² or 9.6040 ac;

$AGD = 137,481 \text{ ft}^2$; $GFD = 61,900 \text{ ft}^2$; $GDB = 81,462 \text{ ft}^2$; $GBA = 137,481 \text{ ft}^2$

12.2 Similar to Problem 12.1, except for polygon *BGFDB* of Figure 12.1.

143,360 ft² or 3.2911 ac; $GFD = 61,900 \text{ ft}^2$; $GDB = 81,462 \text{ ft}^2$