



Quiz 16. A well-hit golf ball (diameter D = 1.69 in.) can travel at U = 200 ft/s as it leaves the tee. Determine the drag force on (a) a standard golf ball and (b) a smooth golf ball without dimples on its surface  $(\epsilon/D = 0)$ . Use the chart in Fig. to find appropriate drag coefficients.  $(\nu = 1.57 \times 10^{-4} \text{ ft}^2/\text{s}; \rho = 0.00238 \text{ slugs/ft}^3)$ 



Note: Attendance (+2 points), format (+1 point)