These are alleged answers. For each error herein, you get extra-credit points for being the first to report it by e-mail.

1. Substituting $x = 4 \sin(\theta)$ into

$$\int_{0}^{2} \frac{x^3}{\sqrt{16 - x^2}} \, dx$$

results in

$$64 \int_{0}^{\pi/6} \sin(\theta)^3 \, d\theta.$$

Similar problems in the text: 7.3: 7, 9, 11, 15, 21, 23, 29.