

**ANSWERS TO PROBLEMS FROM
“PRACTICE WITH [4.4] & [4.6]”**

1. $\frac{dx}{dt} = -0.00229 \text{ m/sec}$

2. $\frac{dh}{dt} = 7.47 \text{ cm/yr}$

3. The angle is decreasing at a rate of 0.021 rad/sec.

4. $w = 25.77 \text{ ft}$ $L = 34.92 \text{ ft}$