RELATED RATES Z $A = \pm bh$ $\frac{dA}{dt} = \frac{1}{2} \left[b \cdot \frac{dh}{dt} + h \frac{db}{dt} \right]$ 25 $\frac{dA}{Jt} = \frac{1}{2} \left[7 \cdot (-0.3) + 2 \frac{3}{3} \right]$ $\approx 11.29 \text{ ft}^{2}/\text{sec}$ 6=25 $2^{2} = 625$ d It 2(24)(-0.3) 14 2 20 -14.4 + $=\frac{72}{70}=\frac{36}{55}$



