$$h(t) = -5t^{2} + 20t + 1$$

$$0 = (-5t^{2} + 20t) + 1$$

$$0 = -5(t^{2} - 4t + 4 - 4) + 1$$

$$0 = -5(t - 2)^{2} + 21$$

$$-21$$

$$\frac{-21 = -55(t-2)^{2}}{-5}$$

$$\int \frac{21}{5} = \int \left(\frac{1}{2} - 2 \right)^2$$

$$+ \int_{2}^{2} = t - 2$$
 $+ \int_{2}^{2} = t - 2$
 $+ \int_{2}^{2} = t - 2$

Practice: Projectiles p.241 # 9, 10, 12 Area p.241 # 8, 11 Profit p.233 # 29