

$$11. \quad 5 + \sqrt{\frac{1080\sqrt{3}}{3}} \left(\frac{1}{2}\right) t - 16t^2 = y(t)$$

$$y'(t) = \frac{1}{2} \sqrt{\frac{1080\sqrt{3}}{3}} - 32t = 0$$

$$\frac{1}{2} \sqrt{\frac{1080\sqrt{3}}{3}} = 32t$$

$$\frac{\frac{1}{2} \left( \sqrt{\frac{1080\sqrt{3}}{3}} \right)}{32} = t$$