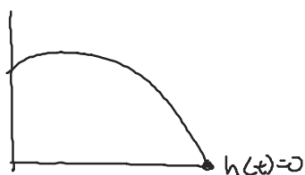


d. When does a Nolan thrown snowball hit the ground?



$$\frac{-16t^2 + 96t + 144 = 0}{-16}$$

$$t^2 - 6t - 9 = 0$$

e. Find the maximum height of a Nolan thrown snowball. What time does this happen?