A golfer hits a ball of the ground and tracks the distance. The path of the ball is modeled by the function $h(t) = 60t - 16t^2$, where ***t*** is time in seconds and ***h(t)*** is the height of the ball in feet.

a. Write the function in an equivalent factored form.

b. At what time(s) is the ball on the ground?

c. How many seconds after contact did the ball reach the maximum height? What was the maximum height?