

A golfer hits a ball off 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?