P11 - 2.5 - Ball Drop Throw Up from Building Hmk

A ball is launched vertically from a 10 meter building with an initial velocity of 8 m/s. How high will the ball get? How long will it take to reach its maximum height? How long will it be in the air total before reaching the ground? What is the velocity before impact?

A ball is launched vertically from my 20 meter lead with an initial velocity of 8 m/s. How high will the ball get? How long will it take to reach its maximum height? How long will it be in the air total before reaching the ground? What is the velocity of the ball before impact?