Answer to Question #52030 – Physics – Quantum Mechanics

Question

19 A bullet is straight upward with a velocity of 100 m/s from the top of a building 100 m high. Find its maximum height above the ground

500 m

600 m

1000 m

300 m

Solution

$$H_{max} = \frac{v_0^2}{2g} = 500 \; m; \;\; +100 \; m = 600 \; m;$$

Answer: 600 m;