

Answer on Question 38405, Physics, Mechanics Bullet will path 500 m in

$$t = \frac{S}{v}$$

In this time it will change its vertical position due to gravity on

$$\Delta y = gt^2/2 = \frac{gS^2}{2v^2} = \frac{9.8 \cdot 500^2}{2 \cdot 50^2} = 490 \text{ m}$$

Hence, man should aim 490 meters higher.