

Sathishkumar.4

9.

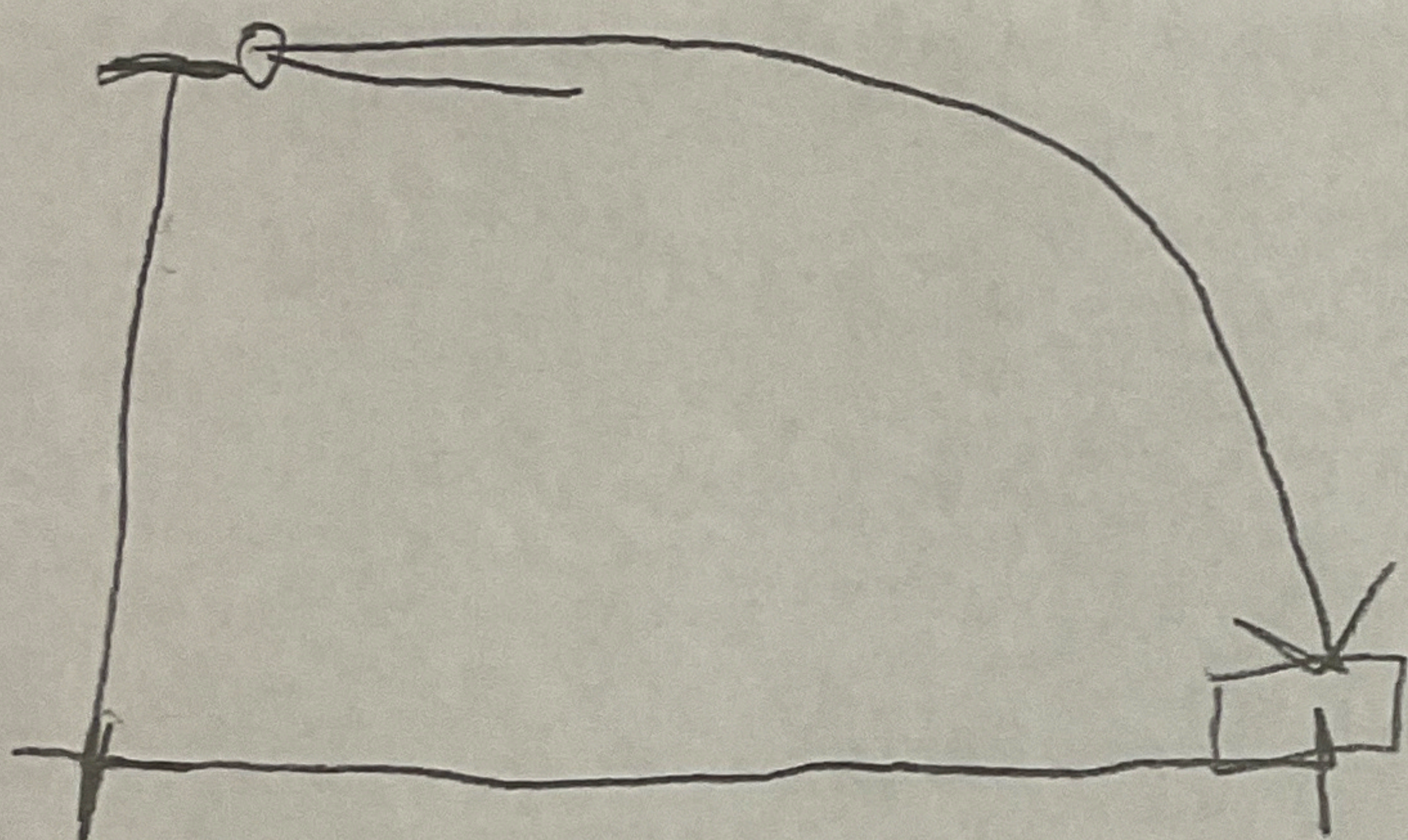
$$\frac{1}{2} k \Delta x^2 = \frac{1}{2} m v^2$$

$$V_x = V_{x0}$$

$$V_y^2 = 0^2 + 2(-10)(\Delta y)$$

$$\Delta x = V_0 t$$

$$1.43 \text{ m} = V_0 t$$



2.2 m

$$V_{fx} = V_{0x}$$

$$V_{fy} =$$