

$$\sqrt{\frac{8^{\frac{1}{5}}}{\sqrt{35^{\circ}}}} \sqrt{\sqrt{\frac{8^{\frac{1}{5}}}{\sqrt{55^{\circ}}}}} = \frac{4.59}{5} \, \text{m/s}$$

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$$\sqrt{\sqrt{\frac{8^{\frac{1}{5}}}{\sqrt{55^{\circ}}}}} \sqrt{\sqrt{\frac{8^{\frac{1}{5}}}{\sqrt{55^{\circ}}}}} = \frac{6.55}{5} \, \text{m/s}$$

$$V = 6.55\frac{5}{5}$$

$$\Delta X = 3m$$

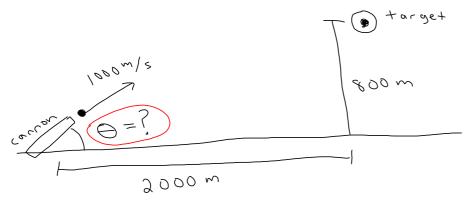
$$\Delta X = \frac{3m}{V} = \frac{3m}{6.55 \, \text{m}} = 0.465$$

$$5 = 0$$
 $5 = 7$
 $0 = 7$
 $0 = -9.815^{2}$
 $0 = 4.595$
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$$y_{f} = 0 + (4.59)(0.46) - 4.9(0.46)^{2}$$

$$= (1.07 \text{ m})$$

 $\mathcal{I}_f = \mathcal{I}_i + V_{i\eta} t + \frac{1}{2} \alpha_{\eta} t^2$



$$X_{i} = 0$$

$$X_{i} = 0$$

$$X_{j} = 0$$

$$\frac{3 - din}{5i}$$

$$5i = 0$$

$$5i = 800 \text{ m}$$

$$6i = -9.8 \text{ m/s}^2$$



