Hw18a

Tuesday, October 11, 2016 12:38 PM

1. $\frac{\Delta I}{I} = \frac{\frac{2}{5}R^2}{\frac{2}{5}R^2 + L^2}$, 2.4%

2. $D = \frac{7}{10}\frac{v_i^2}{g\sin\theta}$

3. $v_f = \sqrt{\frac{2}{3}gD}$

4. $v_f = \sqrt{gD}$