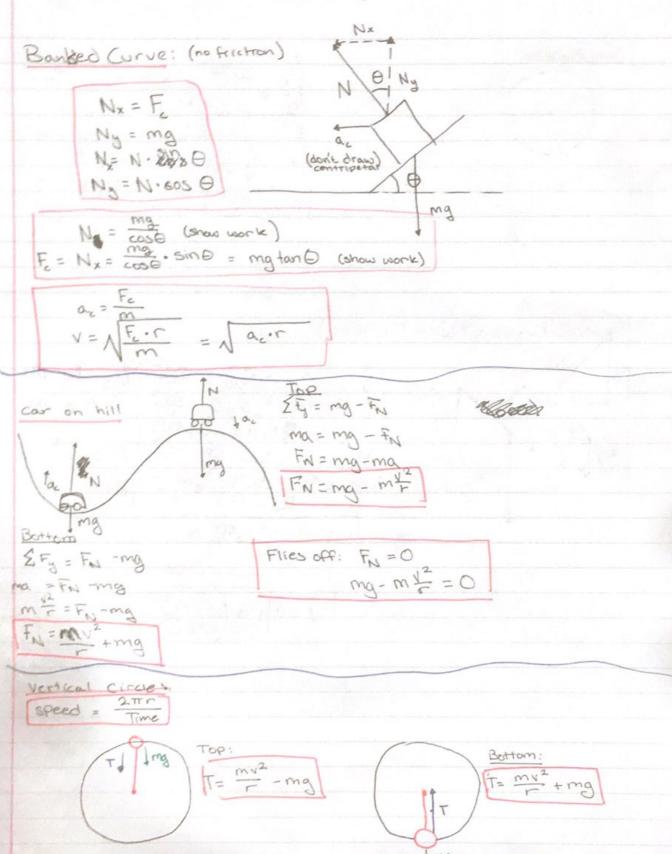
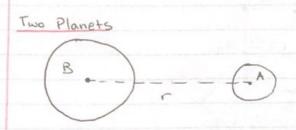
Circular Motion and Growity





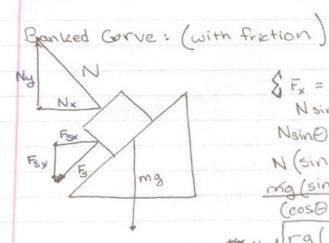
$$F_{c} = G \frac{mM}{r^{2}} = 6.67 \times 10^{-11} \cdot \frac{m_{B} \cdot M_{A}}{r^{2}}$$

$$\frac{mv^{2}}{r} = \frac{G mM}{r^{2}}$$

$$V = \sqrt{\frac{rF_{c}}{m}} = \sqrt{\frac{G M}{r}}$$

$$T = \frac{2\pi r}{v}$$

$$V = \sqrt{\frac{2\pi r}{r}}$$



$$\begin{cases}
F_{x} = N_{x} + F_{5x} = \frac{mv^{2}}{L} \\
N \sin \theta + F_{5} \cos \theta = \frac{mv^{2}}{L}
\end{cases}$$

$$N \sin \theta + K N + \cos \theta = \frac{mv^{2}}{L}$$

$$N (\sin \theta + \mu_{5} \cos \theta) = \frac{mv^{2}}{L}$$

$$N (\cos \theta) - \mu_{5} \sin \theta$$

$$N (\cos \theta) - \mu_{5} \sin \theta$$