Physics 131 9/26/13

September 26, 2013 Physics 131 Prof. E. F. Redish

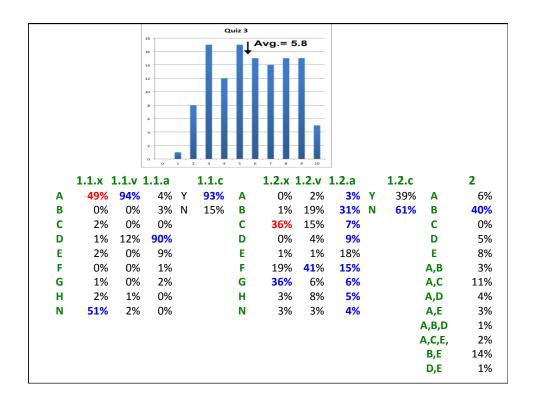
- Theme Music: Soul II Soul Keep on Movin'
- **Cartoon:** Bob Thaves

 Frank & Ernest





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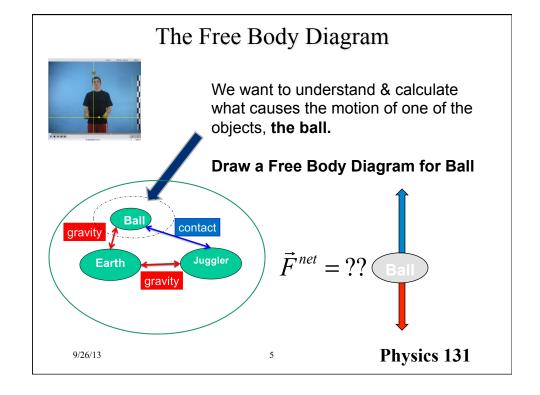
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What have we learned?

- Position $\hat{r} = x\hat{i} + y\hat{j}$ (where x and y are signed lengths)
- Velocity $\langle \vec{v} \rangle = \frac{\Delta \vec{r}}{\Delta t}$ $\vec{v} = \frac{d\vec{r}}{dt}$
- Acceleration $\langle \vec{a} \rangle = \frac{\Delta \vec{v}}{\Delta t}$ $\vec{a} = \frac{d\vec{v}}{dt}$
- Seeing from the motion
- Seeing consistency (graphs & equations)

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