

2.

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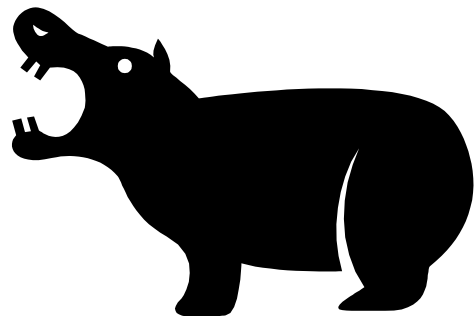
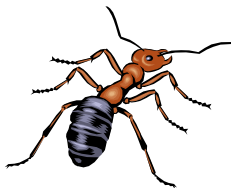
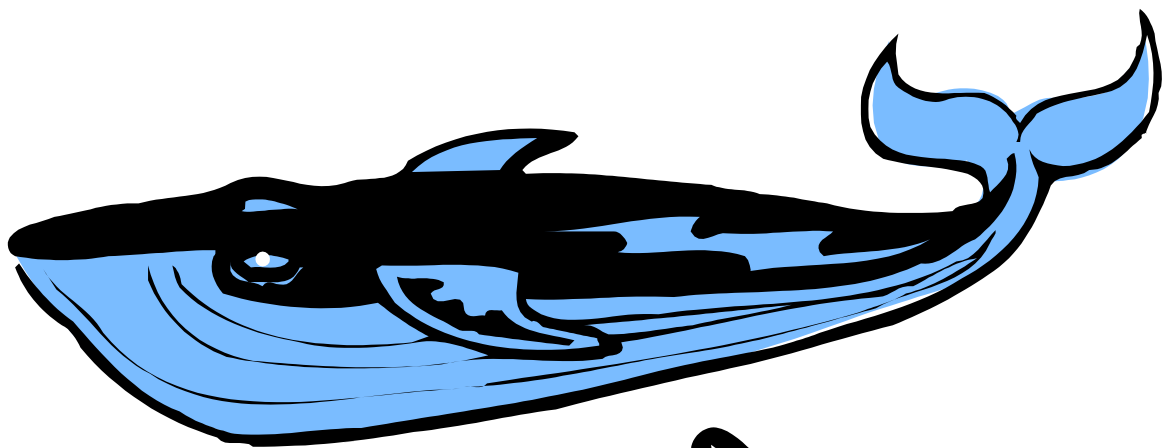
(jyu@phya.snu.ac.kr)



[http://phya.snu.ac.kr/~mi\\_ma/](http://phya.snu.ac.kr/~mi_ma/)



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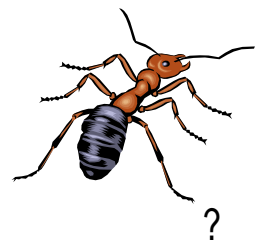
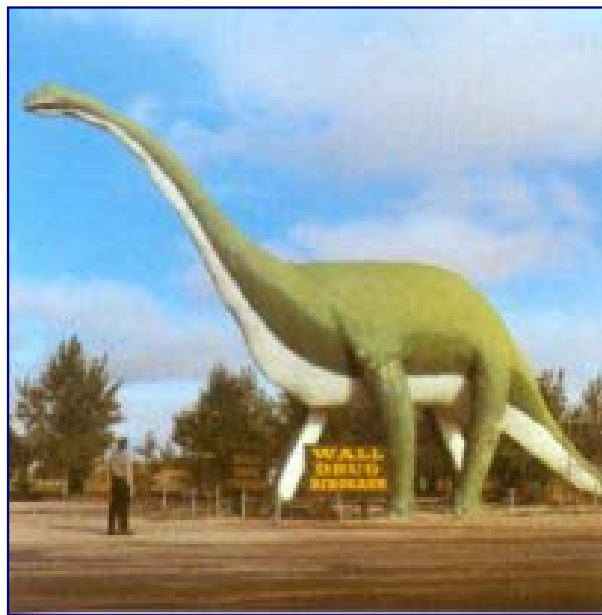


가 ?

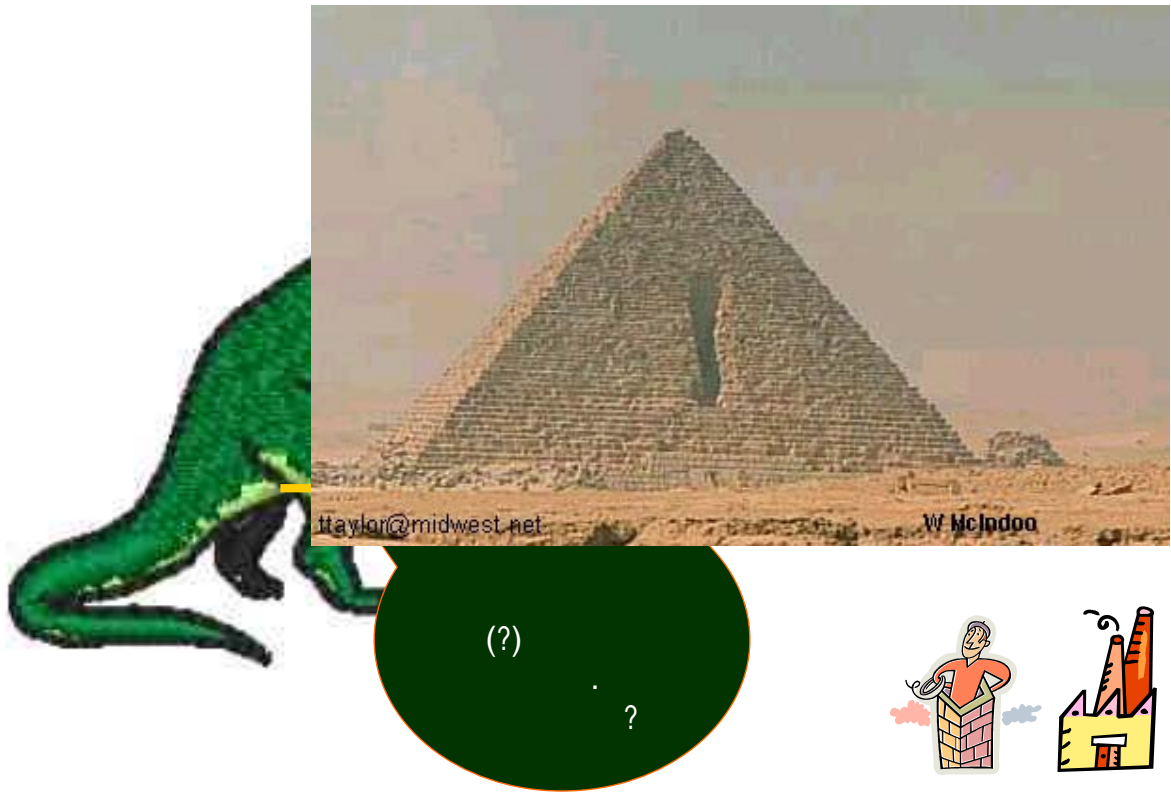


Starship Troopers (1997)

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### Scaling Law???

- ( ) = x
- =  $L^3$
- $A = L^2$
- =  $L^2$
- / =  $L^2 / L^3 = 1/L$
- 가
- 가  $\rightarrow 0$



가 ,

**F = ma**

This is certainly the most familiar equation in all of Physics.

Perhaps it is the most important.

**F = ma**

forms the basis of all of Mechancis.

• → ?  
• → 가  
• , .....

• 가 " " ...  
• ? 가 ?  
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• 가 ? " "