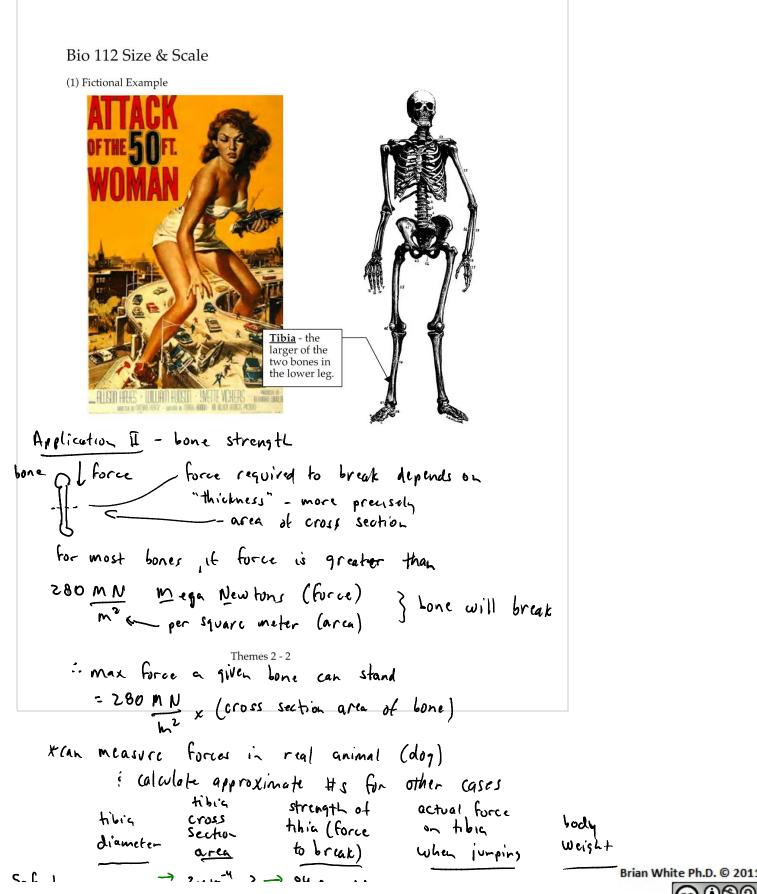


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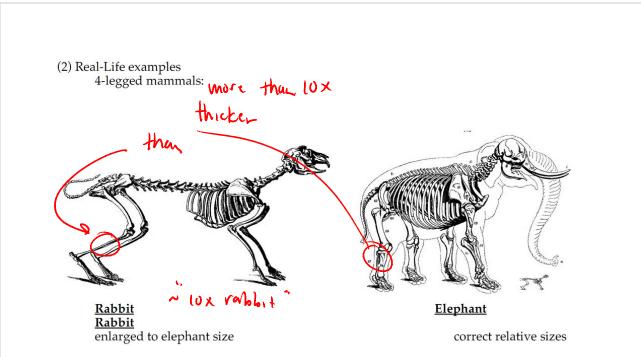




S-foot 200 mm $3 \times 10^{-4} \text{ m}^2 \rightarrow 84,000 \text{ N} \implies 30,000 \text{ N} \iff 45 \text{ kg}$ (new tons) SAFF 30,000 N $\iff 45 \text{ kg}$ (new tons) SAFF 1000x (n100 16 s) 1000x (100 16 s) 1000x (100 00 N 1000x (1000 x 1000x (100 16 s) 1000x (100 kg 1000x (100 kg 100x (10

bone is loux stronger but she's 1000x heavier Conclusion : to make lox larger creature, bones must be nodre that lox bigger





Notice that the elephant is not just a scaled-up rabbit; the leg bones are much thicker. Notice also that the elephant stands with knees locked & legs vertical while the rabbit's legs (which must support much less weight) can be bent at rest.

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