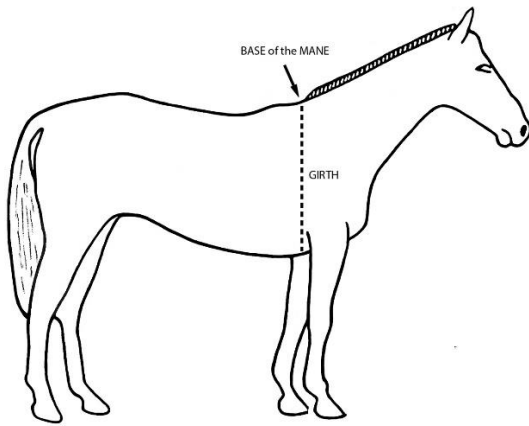


Estimating Equine Body Weight

Take the following measurements – in cms (metric)

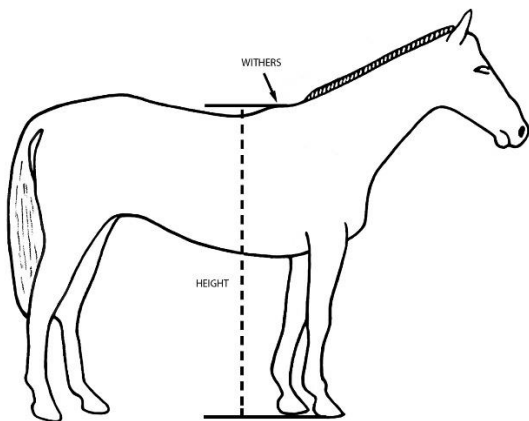
GIRTH

Using a flexible tape, measure (in cms) the circumference around the horse's Girth. The tape should start at the base of the Mane Hair and wrap around the Girth in a vertical plane.



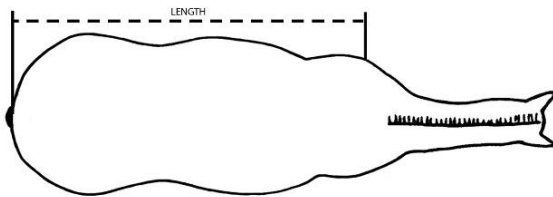
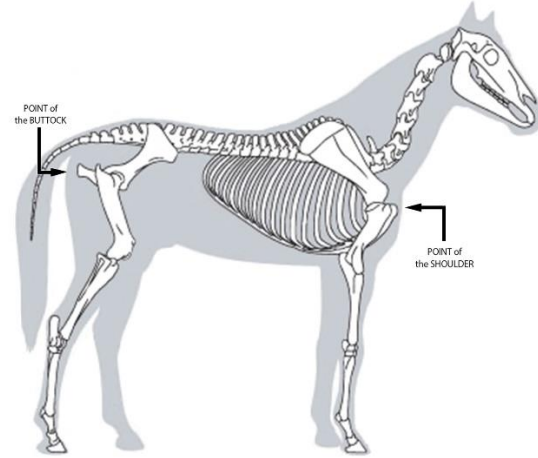
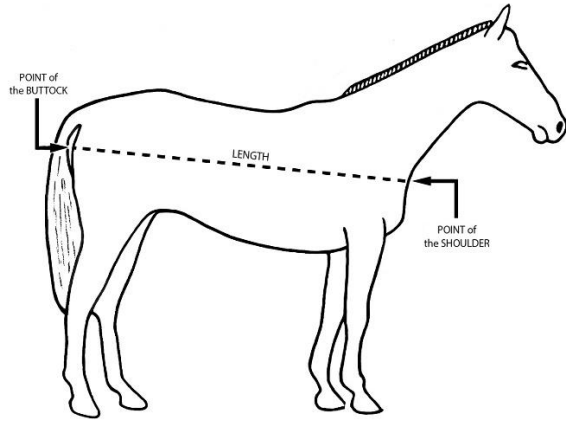
HEIGHT

Using a straight tape, measure the length (in cms) from the Withers to the Ground. Do not wrap the tape around the body.



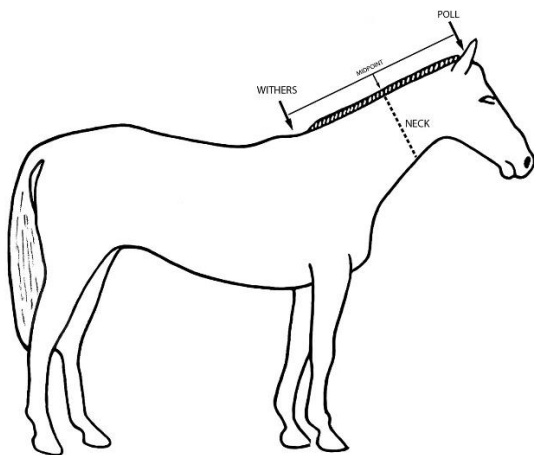
LENGTH

Using a straight tape, measure the length (in cms) from the Point of the Shoulder to the Point of the Buttock. Do not wrap the tape around the body.



NECK

Using a flexible tape, measure (in cms) the circumference around the horse's Neck. The tape should start at a point midway between the Withers and the Poll and wrap around the Neck.



Put these measurements into the following equation. It is probably simpler to create the equation in a spreadsheet like Excel than to use a hand calculator. There is an app that includes this equation and can be found at:

<http://www.extension.umn.edu/agriculture/horse/apps/>

EQUATION (ALL measurements in cms)

$$\text{Body Weight (kgms)} = \text{Girth}^{1.486} \times \text{Height}^{0.599} \times \text{Length}^{0.554} \times \text{Neck}^{0.173} / \underline{\text{Divisor}}$$

The Divisor for:

Arabians is 3596

Ponies is 3606

Stock horses (Quarterhorse, Paint, Appaloosa, Thoroughbred) is 3441

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The information above was presented by Krishona Martinson, PhD, Associate Professor and Equine Extension Specialist, University of Minnesota during a seminar in 2014 organized by My Horse University. This paper should not be made public without prior consent of either party.

This paper was written by Barry Courts (June 2015)