

WORKSHEET ESTIMATING LIVE WEIGHT

Objective: *The participant can estimate the live weight of a horse or pony and assess its condition according to a score form.*

Assignment 1

Describe your horse by mentioning things like; breed, height, body type (very heavy or thin barrel) and try to guess your horses weight.

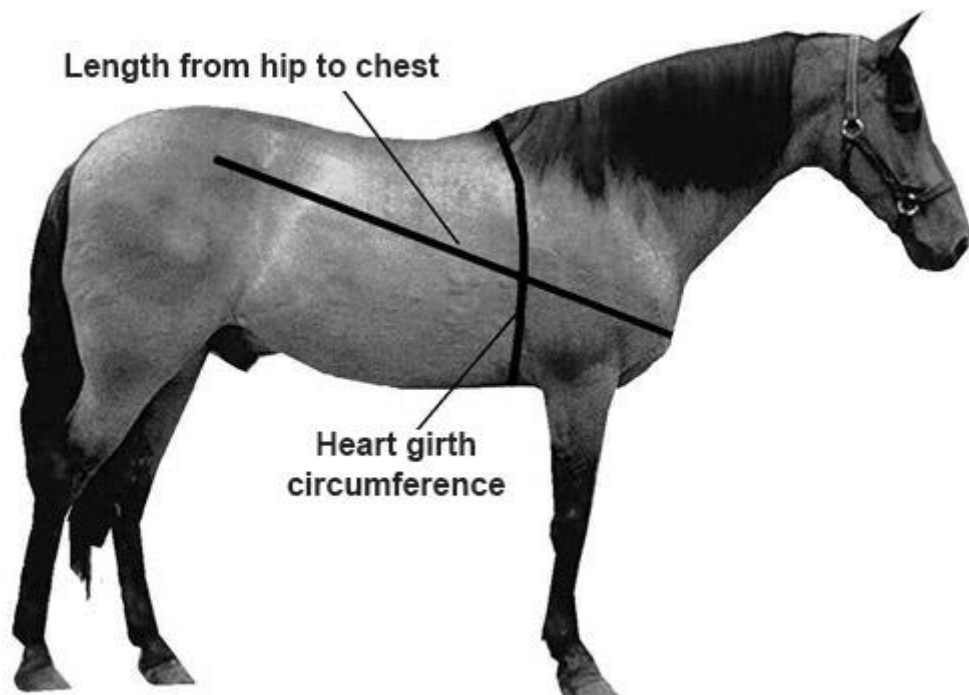
Assignment 2

Search for a few (3) different horses at the stable and make an estimation of their weights. Fill this out in row 1 in the table.

	Horse 1	Horse 2	Horse 3
1) estimated weight			
2) length (cm)			
3) heart girth circumference (cm)			
4) chart weight			
5) estimated weight			
6) scale weight			
7) difference (5-4)			

Assignment 3

Now measure the length from hip to chest and heart girth circumference* (*measure around the midsection, immediately behind the elbow and withers) and write them both down on page 1 of this worksheet. Look at your measured weight from the chart (attachment I Equine weight chart) and write down the weight that matches your horse at the chart on page 1.



Assignment 4

Take another good look at the horses. Try to estimate the estimated weight more accurately and review the previous answer if necessary. (nr. 5 of chart page 1)

In the meantime, think about why you might need this weight information for and how serious a certain deviation would be.

Assignment 5

Now weigh the horses on the scale and compare the actual weights with your estimated weight. (chart assignment 2)

Consider any differences between the weight from the chart and the actual weight.

Assignment 6







Next, you can define the body condition score of the horses and ponies. On attachment II Body condition score horses, you will find a picture with examples and descriptions of all body conditions.

	Horse 1	Horse 2	Horse 3
BODY CONDITION SCORE			

Attachment I: Equine weight chart

length in cm <input type="text"/>													
Heart girth circumfer- ence <input type="text"/>	100	105	110	115	120	125	130	135	140	145	150	155	160
140	236	248	259	271	282	299	310	323	336	348	360	373	385
145	248	260	275	285	296	311	323	343	352	365	378	390	403
150	260	274	286	300	317	326	338	352	365	377	389	402	417
155	278	292	306	319	334	348	362	376	389	404	418	431	445
160	296	311	326	341	356	371	385	400	415	430	444	459	474
165	316	331	347	363	379	395	410	426	441	458	473	489	504
170	335	352	367	384	410	418	435	452	468	485	502	519	535
175	355	372	390	407	425	443	461	478	497	509	533	551	568
180	375	394	413	432	450	469	488	507	525	544	563	582	600
185	396	416	436	456	475	495	515	535	554	574	594	615	634
190		439	460	481	501	523	543	565	584	606	627	648	668
195			484	506	529	551	573	594	617	639	661	683	705
200				532	556	579	602	625	648	671	694	718	741
205					584	608	632	656	681	706	730	755	779
510					612	638	663	689	715	741	766	792	817
215					642	670	701	722	754	777	803	830	851
220					672	700	728	756	784	813	840	869	896
225					702	733	762	791	821	850	879	908	938
230					735	766	797	829	852	889	918	949	980
235					767	798	831	863	895	927	959	991	1023
240					800	833	867	900	933	966	1000	1034	1067

Attachment II: Body condition score horses

<p style="text-align: center;">0 Very Poor</p>  <p>Side View</p> <ul style="list-style-type: none"> • Narrow, very thin 'ewe' neck • Skin tight over ribs • Withers & spine prominent <p>Rear View</p> <ul style="list-style-type: none"> • Very sunken rump • Very prominent rump bones 	<p style="text-align: center;">1 Poor</p>  <p>Side View</p> <ul style="list-style-type: none"> • Thin 'ewe' neck • Ribs easily visible • Withers tight, spinal bones covered <p>Rear View</p> <ul style="list-style-type: none"> • Sunken rump • Prominent rump bones • Cavity under tail
<p style="text-align: center;">2 Moderate</p>  <p>Side View</p> <ul style="list-style-type: none"> • Narrow, firm neck wither covered, • Spinal bones well covered • Ribs just visible <p>Rear View</p> <ul style="list-style-type: none"> • Flat rump either side of back bone • Slight cavity under tail 	<p style="text-align: center;">3 Good</p>  <p>Side View</p> <ul style="list-style-type: none"> • Firm neck - no crest • Ribs just covered but easily felt • Withers and spine bones covered <p>Rear View</p> <ul style="list-style-type: none"> • Rounded rump • Covering over back bone
<p style="text-align: center;">4 Fat</p>  <p>Side View</p> <ul style="list-style-type: none"> • Ribs, withers & spinal bones hard to feel • Slight crest • Fat area behind shoulder <p>Rear View</p> <ul style="list-style-type: none"> • Well rounded rump • Central gutter along back 	<p style="text-align: center;">5 Very Fat</p>  <p>Side View</p> <ul style="list-style-type: none"> • Ribs & spinal bones cannot be seen • Tight, thick neck & a prominent crest • Fat area behind shoulder & on rump <p>Rear View</p> <ul style="list-style-type: none"> • Very bulging rump • Deep central gutter along back

Source chart: <https://www.eaq.org.au/>