CATTLE STRUCTURAL DIFFERENCES

Fill in the term used to describe the following structural conditions.



**Word Bank** 

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

knock kneed or splayfooted

cow hocked

sickle hocked

postlegged

pigeon toed or bowlegged

buck kneed

calf kneed

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. When evaluation breeding cattle, several important characteristics must be

 examined. These characteristics include:

 A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 B. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 D. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 E. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. What does the grade of L2 mean in the USDA Feeder Calf System?

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3. When evaluating feeder calves, finish or fat cover is not a priority. In fact, excessively fat

 Feeder calves can be an indication of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_or very early\_\_\_\_\_\_\_\_\_\_.

4. Frame scores are a way of estimating what size cattle will be when they are fully

 grown. It is based on the height of an animal at the hips, at different ages. (Note: See

 Frame Charts page 2-17 in Beef Resources Handbook 4-H 117R). Find these Frame

 Scores:

 Frame Score

 Heifer, Age 12 Months, 47.0” Hip Height = \_\_\_\_\_\_\_\_\_\_

 Bull, Age 20 Months, 56.9” Hip Height = \_\_\_\_\_\_\_\_\_\_

 Heifer, Age 17 Months, 51.1” Hip Height = \_\_\_\_\_\_\_\_\_\_

5. What traits would contribute to volume and capacity in breeding stock evaluation?

 \_\_\_\_\_ level rump

 \_\_\_\_\_ spring of rib

 \_\_\_\_\_ depth of rib

 \_\_\_\_\_ smooth and uniform fat cover over ribs

 \_\_\_\_\_ width and depth of stifle

6. List four of the seven signs of heat.

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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7. The general procedure for Artificial Insemination breeding is to follow the \_\_\_\_\_\_\_\_\_\_\_

 rule. If the cow shows signs of standing heat at night, breed her in the morning. If she

 shows signs of heat in the morning, breed her at night.

8. After a heifer or cow calves, she needs approximately \_\_\_\_\_\_\_\_% more energy, 50%

 more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, 50% more calcium and \_\_\_\_\_\_\_\_\_% more phosphorus in

 her diet. In additional Vitamin A requirement increases about \_\_\_\_\_\_\_\_%.

9. Structural correctness in breeding cattle is important. Check the characteristics that could

 Refer to structural correctness.

 \_\_\_\_\_ level from hooks to pins

 \_\_\_\_\_ thickness of quarter

 \_\_\_\_\_ move with a long, reaching stride

 \_\_\_\_\_ proper slope to the shoulder

 \_\_\_\_\_ width of chest