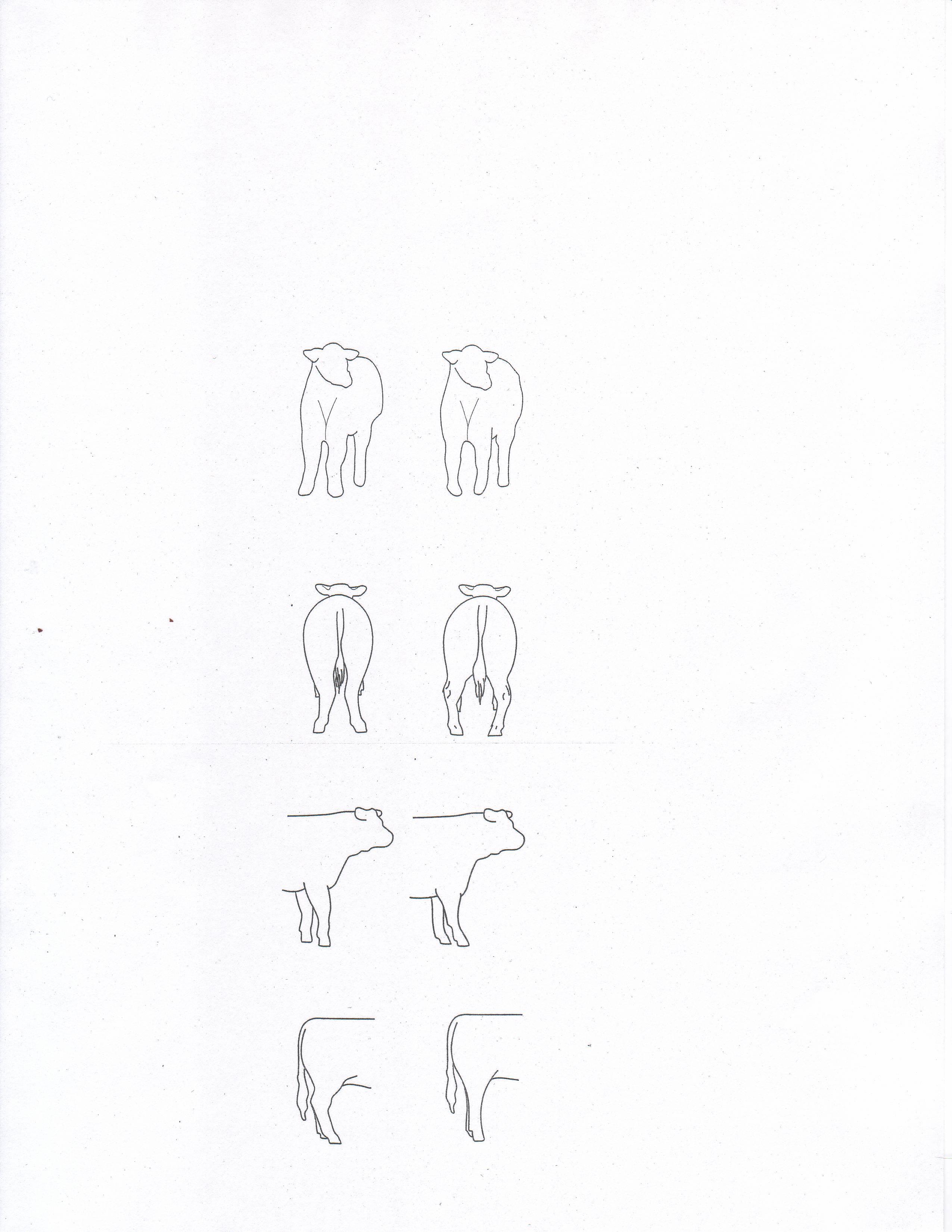
CATTLE STRUCTURAL DIFFERENCES

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



**Word Bank** <EMPTY><EMPTY>

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

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

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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