



VETERINARY MEDICINE

Merit Badge Requirements

- 1) Tell the normal posture or attitude, motion, or action of two farm animals and two companion animals.
- 2) Make a chart showing the normal body temperature and heart and respiration rates of the horse, cow, pig, sheep, dog, and cat.
- 3) Make a schematic drawing of at least TWO of the following body systems. For each system, label the parts, and explain the function of each part: respiratory, digestive, skeletal, and circulatory.
- 4) Prepare a program of animal health maintenance for two farm animals and one pet. Emphasize adequate housing, feeding, watering, and grooming care(if required) and exercise. Give the kinds of food that each animal needs.
- 5) Tell the importance of proper nutrition in farm animals and pets.
- 6) Define bacteria, virus, and parasite. Tell how they cause diseases in animals. Name two diseases of farm animals and of pets caused by each.
- 7) Illustrate and explain the stages of the life cycles of the tick, dog roundworm, and dog heartworm.
- 8) Name five diseases of animals that are transmissible to humans.
- 9) Spend as much time as possible with a veterinarian. Watch the kind of work the veterinarian does. Prepare a written summary of your experience.
- 10) Tell about veterinary activities other than direct treatment and handling of animals.

Requirement 1

Select two farm animals and two companion animals. Tell the normal posture or attitude, motion, or action for each.

Farm Animal: _____ Posture/Attitude/Motion/Action: _____

Farm Animal: _____ Posture/Attitude/Motion/Action: _____

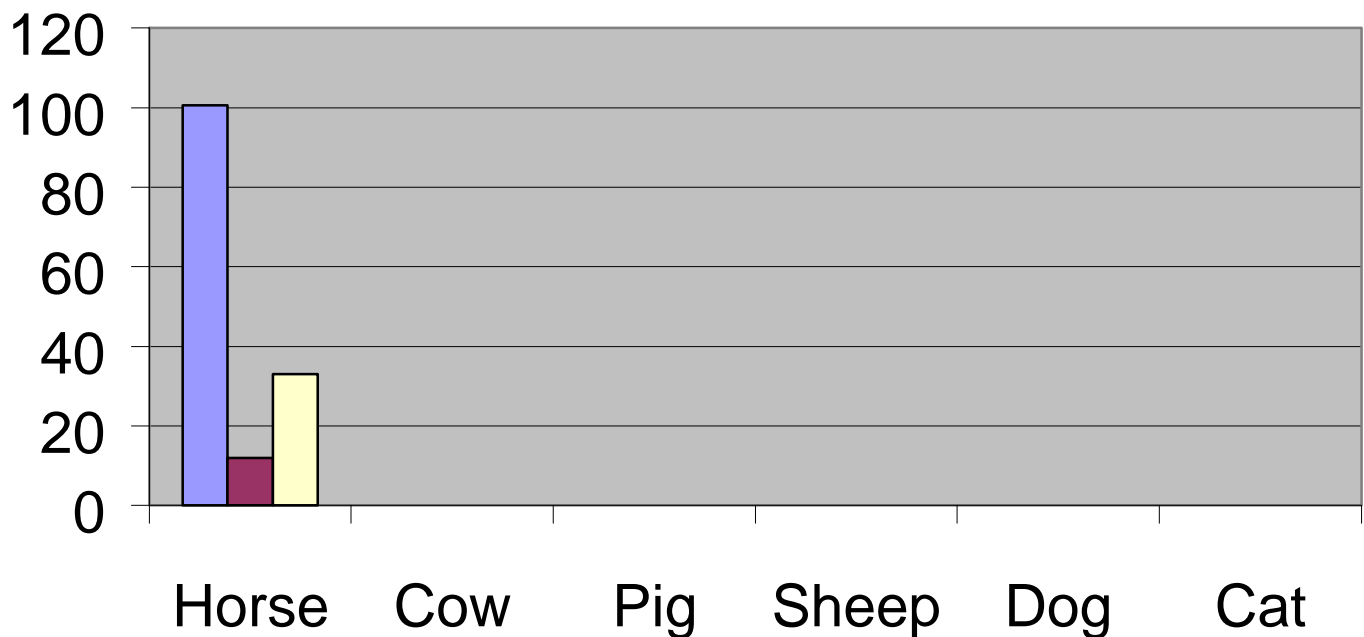
Companion Animal: _____ Posture/Attitude/Motion/Action: _____

Companion Animal: _____ Posture/Attitude/Motion/Action: _____

Requirement 2

Make a chart showing the normal body temperature and heart and respiration rates of the horse, cow, pig, sheep, dog, and cat. You may use the chart below, the Horse has been completed for you, or you may choose to create a different chart. If possible, use colored pencils for your chart.

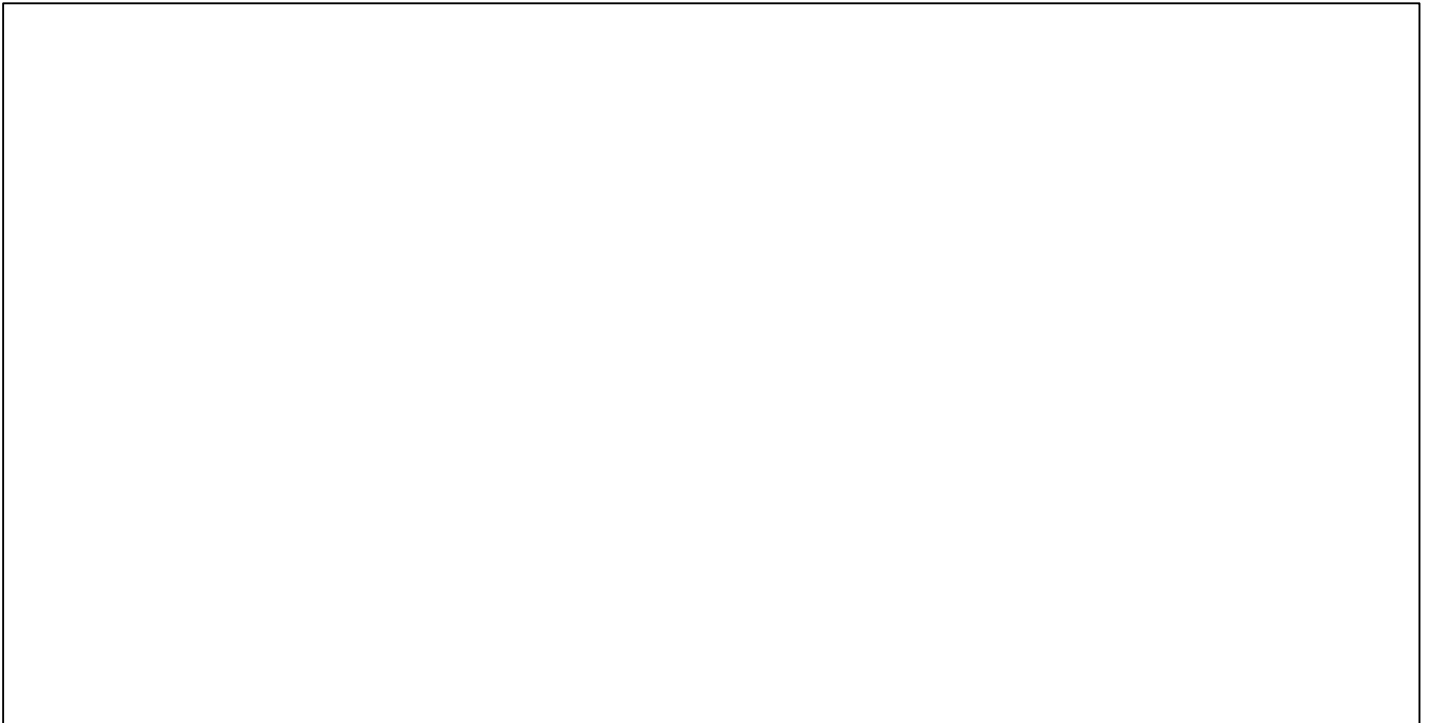
■ Body Temp ■ Respiration Rate ■ Heart Rate



Requirement 3

Use this area to make a schematic drawing of at least TWO of the following body systems. For each system, label the parts and explain the function of each part: respiratory, digestive, skeletal, and circulatory:

Body System: _____



Body System: _____

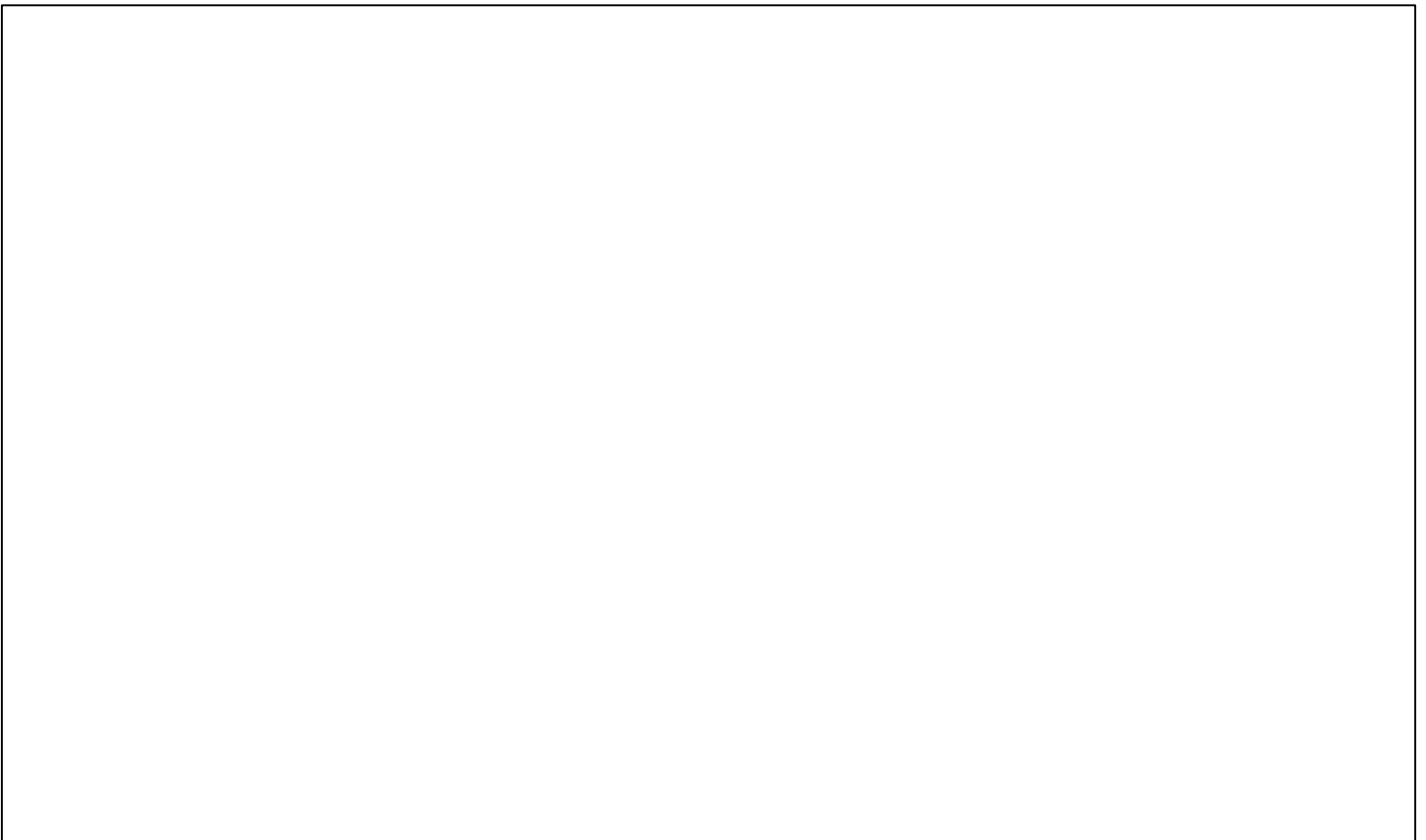


Requirement 7

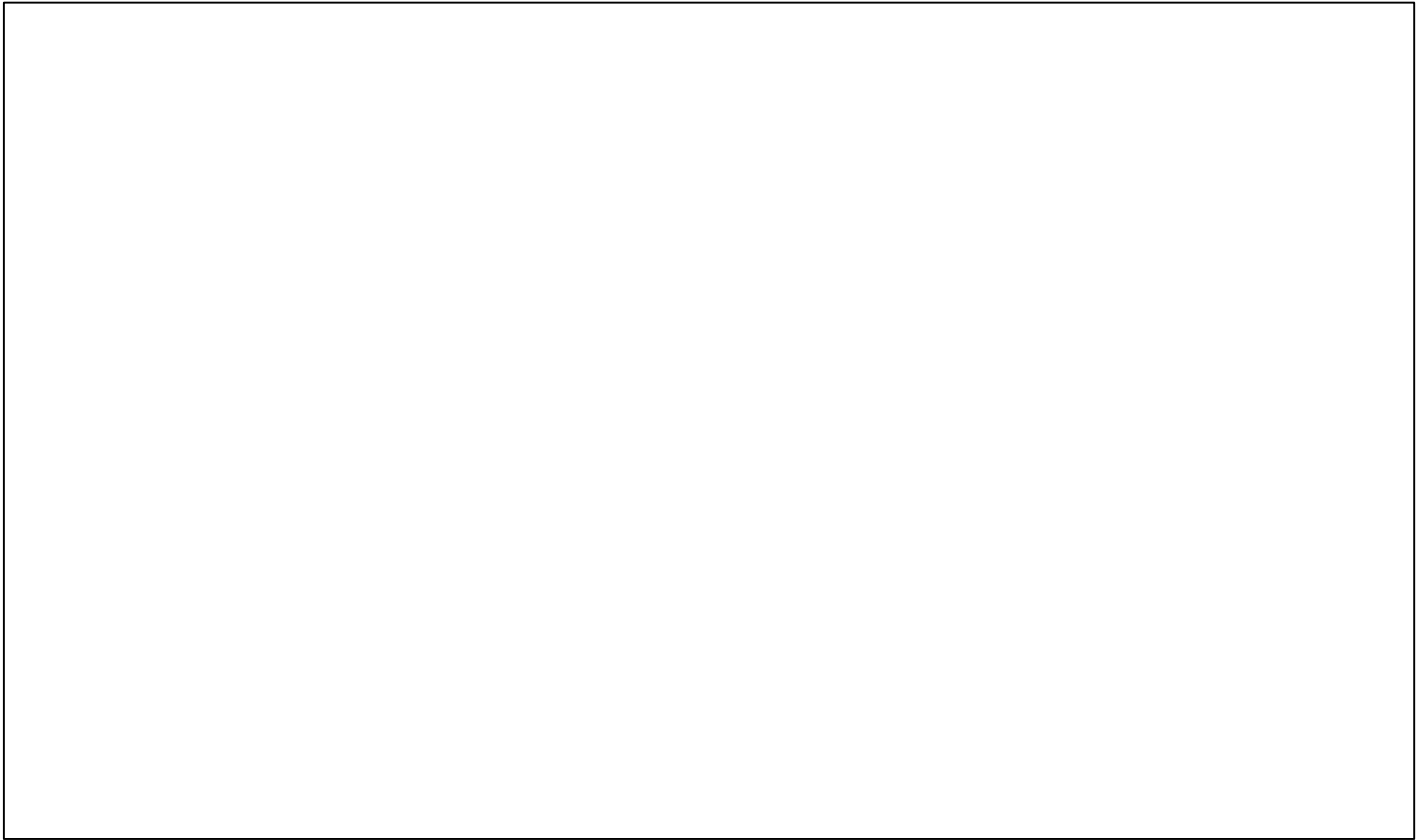
In the box below illustrate and explain the stages of the life cycle of the tick:



In the box below illustrate and explain the stages of the life cycle of the dog roundworm:



In the box below illustrate and explain the stages of the life cycle of the dog heartworm:



Requirement 8

Name five diseases of animals that are transmissible to humans:
