

4-H
Horseless Horseman
Project Workbook



Horseless Horseman

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Horseless Horseman

The Horseless Horseman Project

This is a poster project. **Turn in** a division appropriate **poster** following the “Poster Exhibit Requirements” in the COUNTY FAIR BOOK **and completed project workbook** based on division.

Purpose

The purpose of the project is:

1. Develop an appreciation and love of horses.
2. Promote greater love for animals and a humane attitude toward them.
3. Learn about horsemanship and an understanding the anatomy and science; raising and training; breeds and equipment; and all other aspects of equine.
4. Increase knowledge and safety precautions around horses.

Project requirement– Complete the following:

1. **EXHIBIT** your project workbook and poster* at the county 4-H Fair. (* EXHIBIT a division appropriate **poster** following the “Poster Exhibit Requirements” and **completed project workbook** based on division attached to the backside of your poster. Suggested poster topics are listed in this workbook. See ‘Poster Exhibit Requirements’ located in the COUNTY FAIR BOOK.) **Labels are provided at project check in. Leave a space in the lower right corner of the poster for your label.**
2. Complete your **project workbook** by section determined by level (beginner, intermediate, or advanced).
Beginner Division: Complete Section I
Intermediate Division: Complete Sections I & II
Advanced Division: Complete Section I, II, & III (entire manual)
3. Project Workbook Requirements A-E (located in Project Workbook)
4. Complete the following:
 - a. Complete section level(s) in workbook.
 - b. Learn about preparing a horse for a horse show
5. You are not limited to the topics/suggestions in the county project workbook.
Suggestions to investigate and try:
 - Attend a horse show
 - Help at a horse show
 - Tour a stable
 - Visit a County Horse and Pony club meeting.

The more advanced division you are in, the harder your poster subject should be. Repeating a subject from one year to the next is not permissible.

BEGINNER DIVISION – Grades 3-5

INTERMEDIATE DIVISION – Grades 6-8

ADVANCED DIVISION – Grades 9-12

Suggested Books/Manuals

Beginner Division: CO200* Horses and Horsemanship

Intermediate Division: CO200* Horses and Horsemanship, or CO 201* Horse Science

Advanced Division: CO 203* (set of two) Horse Science and Horses and Horsemanship

Manuals: <https://extension.purdue.edu/4h/Pages/project.aspx?proj=7>

Horse 1: Giddy Up & Go

Horse 2: Head, Heart & Hooves

Horse 3: Stable Relationships

Horse 4: Riding the Range

Horse 5: Jumping to New Heights Horse Group Activity Helper's Guide

* The above books are not necessary as you may find information online.

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Pick a subject for your poster. These are *suggested* topics. You may choose any topic of your choice related to the horse that gives information on the poster. The idea of the poster is for an observer to read it and learn something from it.

Suggested Poster Topics based on division:

| Beginner Division (Grades 3-5) | Intermediate Division (Grades 6-8) | Advanced Division (Grades 9-12) |
|--------------------------------------|------------------------------------|---------------------------------|
| Glossary of horse terms | Safety rules and precautions | Digestive tract |
| Breeds of horses and ponies | Gaits of a horse | Diseases |
| Parts of the saddle and bridle | Conformation | Preventative Maintenance |
| Colors and color markings of a horse | Exercising | Age determination |
| Parts of a horse | Grooming/Preparation for a show | Anatomy |
| | Proper hoof care | Dental care |
| | | Veterinary Care |

Project Workbook Requirements (A-D):

A. Members may study the following from the project handbook or suggested book(s):

- a. Safety rules and precautions
- b. Glossary of horse terms
- c. Parts of a horse
- d. Proper veterinarian care
- e. Proper hoof care
- f. Breed of horses and ponies

B. Try the following*.

| Requirements: | Date Completed: |
|--|-----------------|
| Attend a horse show | |
| Go on a tour of a stable | |
| Complete section level(s) in workbook. | |
| Learn about preparing a horse for a horse show | |
| Visit a County Horse and Pony club meeting. | |

* These are only suggestions to try. Not required.

C. Complete your project manual by section determined by level (beginner, intermediate, or advanced)

Beginner Division: Complete Section I

Intermediate Division: Complete Section I & II

Advanced Division: Complete Section I, II, & III

D. EXHIBIT your project workbook and poster at the county 4-H Fair.

1. A completed project workbook plus a 22" x 28" poster, displayed horizontally, following the "Poster Exhibit Requirements" in the 4-H Handbook with your completed project workbook attached to the backside of the poster.

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Personal Data

(please print)

Name: _____ Year in Project: _____

4-H Club: _____ Age: _____ Years in 4-H: _____

My horsemanship story:

Comments about this project and your progress in it:

Leader Evaluation:

This section is to be completed by the club leader or project superintendent only.

Briefly evaluate the progress and performance of the 4-H member. Did he/she meet the minimum requirements?

Signed: _____ Date: _____

(4-H Leader)

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Beginner* Division Grades 3-5/Section I

* Beginners (grades 3-5) complete only Section I

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Glossary of Horse Terms: (define each)

| | |
|-----------------------|-----------------------|
| Action: | Gaits: |
| Blemish: | Gaskin: |
| Bloom: | Gelding: |
| Brand: | Girth: |
| Buck-kneed: | Goose-Rumped: |
| Bug-eyed: | Green Horse: |
| Calf-kneed: | Groom: |
| Cantle: | Hand: |
| Cannon: | Head Shy: |
| Cayuse: | Hobble: |
| Chaps: | Horsemanship: |
| Cinch, Cincha: | Lariat: |
| Colt: | Lead: |
| Conformation: | Lunge: |
| Cow-hocked: | Mare: |
| Crest: | Near Side: |
| Croup: | Neat's foot: |
| Dam: | Pony: |
| Equine: | Port: |
| Equitation: | Registration: |
| Farrier: | Sickle-Hocked: |
| Favor: | Sire: |
| Filly: | Tack up: |
| Foal: | Veterinarian: |
| Founder: | Weanling: |

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Breeds of Light Horses and Ponies:

A. List five breeds of horses which interest you.

- 1.
- 2.
- 3.
- 4.
- 5.

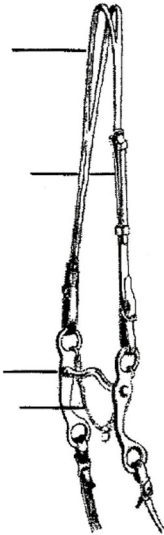
B. Tell about the five breeds.

| Breed | Origin | Color | Distinguishing Characteristics | Principle Use | Disqualification |
|-------|--------|-------|--------------------------------|---------------|------------------|
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |

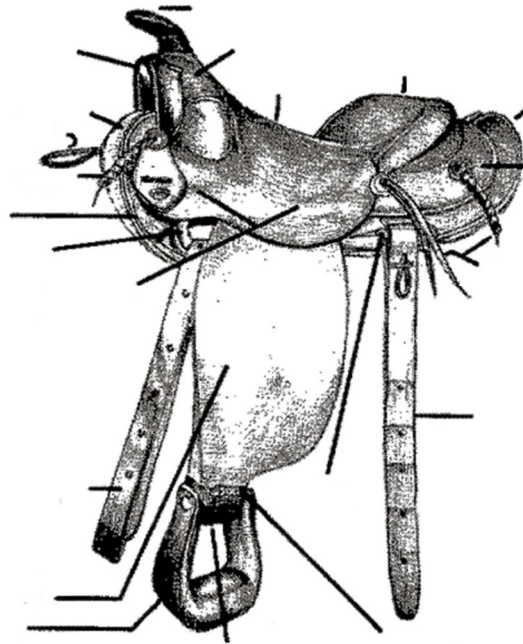
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Parts of the Saddle and Bridle:

Identify the parts of a saddle (pages 31-34) and bridle (pages 28 and 30)



Split-Eared Bridle with Curb Bit



Colors and Markings of a Horse:

A. Name the five basic colors

- 1.
- 2.
- 3.
- 4.
- 5.

B. Name the five variations to the basic colors.

- 1.
- 2.
- 3.
- 4.
- 5.

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C. Name the seven varieties of color pattern of Head and Points.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

D. Describe the following:

1. Legs:

- a. Coronet:
- b. Pastern:
- c. Ankle:
- d. Half Stocking:
- e. Full Stocking:

1. Mane and Tail:

- a. Flax
- b. Silver
- c. True White
- d. Rat Tailed
- e. Bang Tailed

2. Color Adjectives:

- a. Black points
- b. Dappled
- c. Flea Bitten
- d. Golden
- e. Line-Backed
- f. Piebald
- g. Red-Speckled
- h. Smokey
- i. Striped
- j. Zebra

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Horse Colors, Markings, and Other Descriptive Terms Word Search

S N D E S N T B L M F P W W O D C P B V
U I R A W T A U R O A N H T N E X A H V
M U L O P L N L N T N I P D I L Y S S Y
P K R V D P S I C T T Y E V M K C T T M
Q B C F E K L H O E S L Q Y O C Z E A E
F Z A A A R E E C P I E N Y L E T R R S
K C W M L D A P D A K K H G A P R N R Z
E F L E A B I T T E N C N C P S U Z A T
C O R O N E T G T A Y I A N S D E X T H
D K C A B E N I L A K Q E L U E W Y T R
N E C Y X A S M P C I D L U B R H A Y V
E G T Q B T D N O A L L N D E P I R T S
X O W S R A D T I O I D E E I R T G J M
A J L I A N S H G P J N I D N R E Y P O
L F P N P O I N T S H H T A R B E Z A K
F E M J N I T Y A K D E S O E K N U D E
K O F I M J U T V Q M O X E Z S R J K Y
G B E U E L K N A V I H V W A A D A S D
G N I K C O T S F L A H T S L D U D D W
C R O S S X X W K J O B U R B R U M U Q

| | | | |
|--------------|-------------------|--------------|------------|
| ANKLE | DAPPLED | PALOMINO | SNIP |
| BALD-FACE | DARK | PASTERN | STAR |
| BANG-TAILED | DUN | PATCHED | STOCKING |
| BAY | FLAXEN | POINTS | STRIPE |
| BLACK | FLEA-BITTEN | PURE | STRIPED |
| BLACK-POINTS | GOLDEN | RAT-TAILED | TOASTED |
| BLAZE | GRAY | RATTY | TRUE-WHITE |
| BROWN | HALF- STOCKING | RED-SPECKLED | WHITE |
| CHESTNUT | LINE-BACK | ROAN | ZEBRA |
| CORONET | PAINT | SILVER | |
| CROSS | | SMOKEY | |

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Intermediate* Division Grades 6-9/Section II

* Intermediate Division must complete ***BOTH*** the Beginner and Intermediate sections (Sections I & II)

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Safety Rules and Precautions

1. Why are Safety Rules a ***must*** for horse owners?

2. Define the following briefly:

A. Safety in Catching, Handling, and Leading horses

a. Catching your horses safely

1.

2.

b. Safe handling of your horse

1.

2.

3.

4.

5.

6.

7.

8.

c. Leading your horse safely

1.

2.

3.

4.

5.

6.

7.

8.

B. Showing the horse with safety and courtesy

1.

2.

3.

4.

5.

6.

7.

8.

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C. General Safety Rules

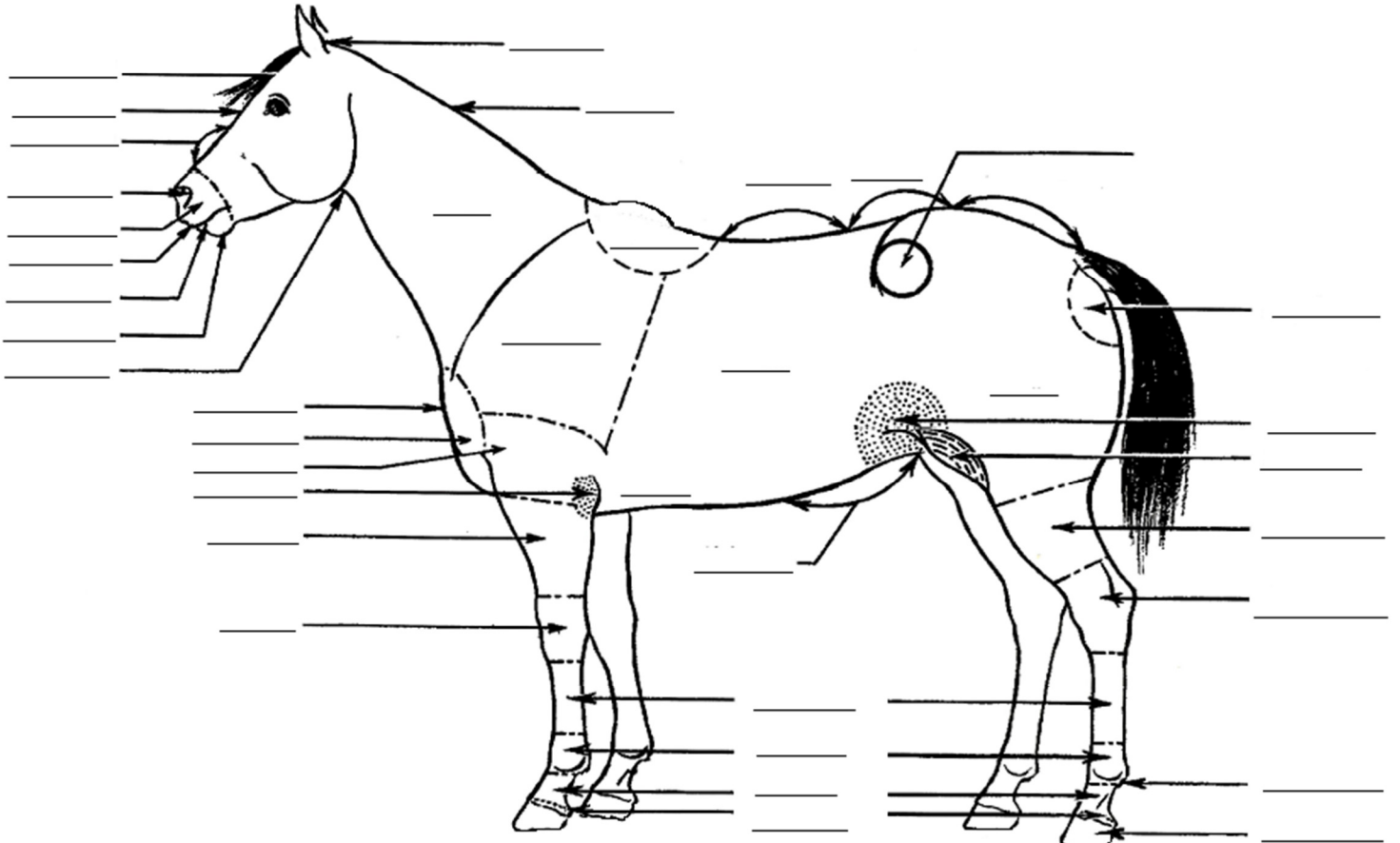
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

D. Write at least three rules you think should be in a horse safety list.

- 1.
- 2.
- 3.

Parts of a Horse:

Identify the parts of a horse.



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Gaits of a Horse

A. A natural gait is....

B. What are the 3 natural gaits of the horse?

- 1.
- 2.
- 3.

C. Describe each:

- 1.
- 2.
- 3.

D. What are the slow gaits?

- 1.
- 2.
- 3.

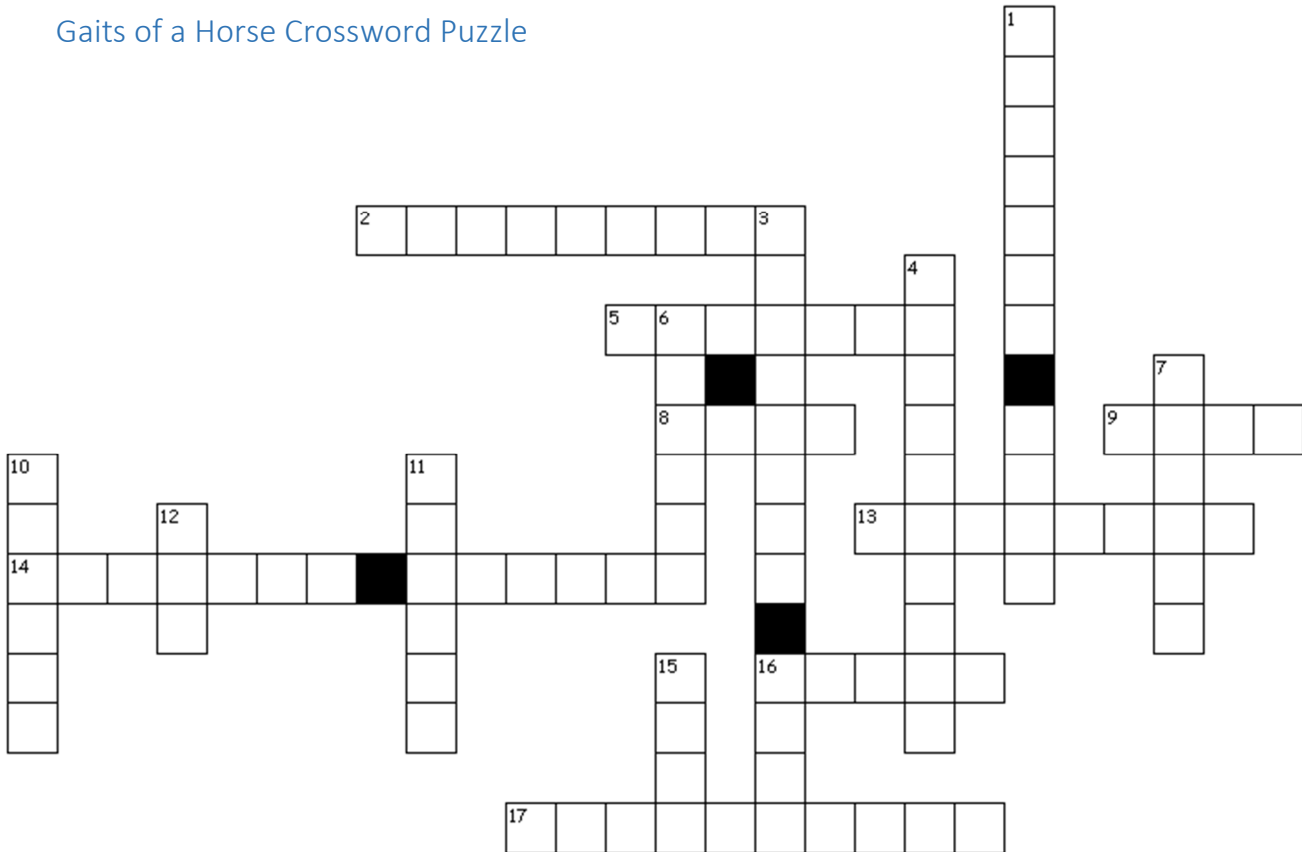
E. What is a stride?

F. List the 6 important features of a stride:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

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Gaits of a Horse Crossword Puzzle



Across

2. Correct coordinated action
5. The ability of a horse to control its action in order to travel collectedly in correct form
8. Rapid two beat diagonal gait
9. Slow, natural flatfooted, four beat gait
13. The time used in taking one stride
14. A horse's action in motion is difficult to perform and plainly excessive
16. Used by a horse for movement
17. The line in which the foot is carried during the stride

Down

1. One that is performed by natural impulse
3. Front foot and opposite hind foot take off and stop at the same time
4. The precision sequence with which each stride is taken in turn
6. Characteristic stride in which the horse lifts its front and hind feet very high
7. Easy rhythmical three beat gait
10. Fast four beat gait
11. Horse folds its knees with the forearm nearly horizontal momentarily, flexes the hock noticeably, and lifts the feet high from the ground
12. Trot A slow, short, broken type of trot
15. Fast, two beat lateral gait

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Grooming and Preparation for the Show

List the necessary equipment for grooming a horse:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

List and explain the routine procedures that many horsemen follow when grooming:

- 1.
- 2.
- 3.
- 4.

List four grooming tips:

- 1.
- 2.
- 3.
- 4.

When should clipping done?

When should trimming done?

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Proper Hoof Care

Why is it important to care for horses' foot properly?

List the parts of a horse foot (see diagram on page 48):

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.

Describe the following:

Splayfoot

Pigeon Toe

Quarter Crack

Cocked Ankles

Contracted Heels

List three hoof problems:

- 1.
- 2.
- 3.

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Advanced* Division Grades 10-12/Section III

* Advanced Division must complete **the entire workbook** – Section I, II, & III

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Digestive Tract

What is an herbivore and is a horse one?

How do horses salivate?

Name the parts of the digestive system and list the length and/or volume for each.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

What four parts make up the large intestine and what is the total length and volume?

- 1.
- 2.
- 3.
- 4.

Do horses have a sense of feeling “full” after eating?

What is the function of the small intestine in horses?

What is the function of the cecum in horses?

What is the common site of impaction (one cause of colic)?

In horses, what is the function of the large colon?

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Diseases

What is an infectious disease caused from?

What are some common equine diseases (page 49 in Horse Science)?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Tell about the seven diseases:

| Disease | Outstanding Signs | Treatment or Control |
|---------|-------------------|----------------------|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |
| 7. | | |

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Age Determination

Age determination is made by...?

What are the four major ways to estimate the age of horses by appearance of their teeth?

- 1.
- 2.
- 3.
- 4.

What are the five items to accurately identify permanent teeth compared to temporary teeth (page 15)?

- 1.
- 2.
- 3.
- 4.
- 5.

Define the equine dental terms:

“In wear”:

Interdental Space:

Intermediates:

Longitudinal:

Molars:

Neck of Tooth:

Parrot Mouth:

Smooth Mouth:

Wear:

Wolf Teeth:

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Anatomy

What are the functional divisions of the horse (page 6 of Horse Science)?

- 1.
- 2.
- 3.
- A.
- B.

What are the eight items of the skeleton of a horse showing relative position and bony parts?

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Define the following equine terms:

Bugeyed:

Forehand:

Symmetrical:

Blemish:

Defect:

Favor:

Founder:

Glass Eye:

Sound:

Action: