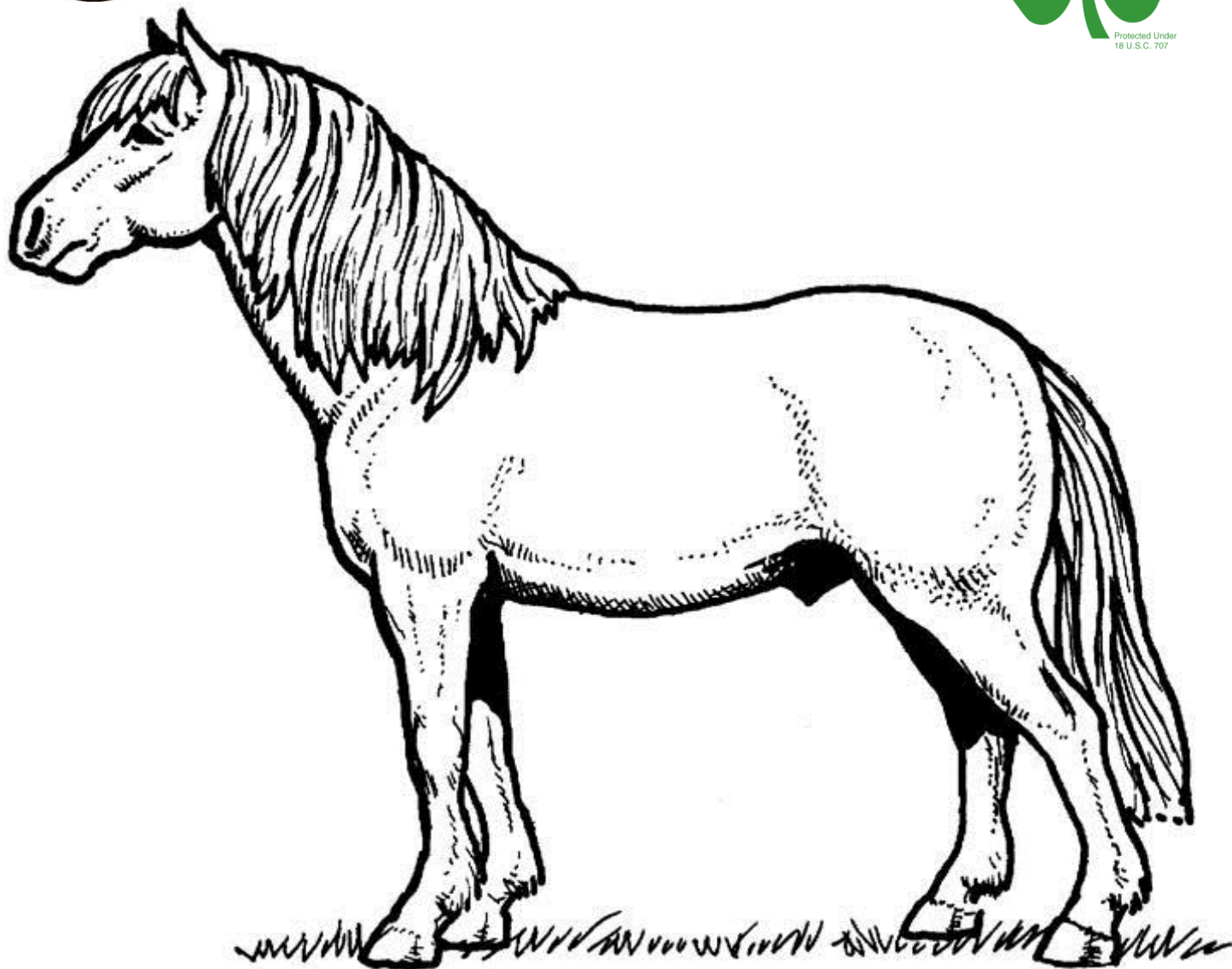




Brevard County



Love a Horse Project

Level I Achievement

Version 1.0

Name _____

Club Name _____ Club Leader _____

Date of Birth _____ 4-H Age _____ # of Years in 4-H _____

Welcome to the Brevard County 4-H Horse Program Love a Horse Level I Achievement activity. This book is the first of two levels designed to enable Florida 4-H youth members who do not own or lease a horse to participate in the 4-H horse program education system. Each book is meant as a progression and builds off one another to give youth the ability to continue to learn and gain useful skills and knowledge on horses and horse husbandry.

These books serve as tools to document a 4-H'ers knowledge. They do not contain reference information.

The following references are cited to assist in finding answers to posed questions. Your County Extension Office should have access to some or all of these materials, so please ask your County Agent and Leader for assistance in locating these materials. As the number of horse related references is exhaustive, any further references materials may be used to assist in answering questions.

Colorado State University, Department of Animal Sciences (2008). 4-H Horse Project Manual. Retrieved January 20, 2011, from http://equineextension.colostate.edu/files/4h_horse_projects/Horse_Project_Manual.pdf

Coloring Atlas of Horse Anatomy, Kainer and McCracken. Alpine Publications, Inc., 38262 Linman Road, Crawford, CO 81415.

Equine Science: Basic Knowledge for Horse People of All Ages, Jean T. Griffiths. ISBN # 978-1-929164-42-4. www.HorseBooksEtc.com

Feeding and Care of the Horse, 2nd Ed., by Lon Lewis. ISBN# 0-6830-4967-4. Published by Blackwell Publishing Limited, Commerce Place, 350 Main St., Malden, MA 02148.

Florida State 4-H Horse Show [Official Rules](#), revised to current year.

Government of Alberta, Agricultural and Rural Development (2005). 4-H Horse Reference Manual. Retrieved January 20, 2011, from [http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/4h7933](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/4h7933)

Horse Industry Handbook, American Youth Horse Council. 4093-A Iron Works Pike, Lexington, KY 40511-8434. www.ayhc.com.

Illustrated Dictionary of Equine Terms, New Horizons Education Center, Inc. Alpine Publications, Inc., 38262 Linman Road, Crawford, CO 81415. www.alpinepub.com.

Youth Leaders Manual, American Youth Horse Council. The Horse, 2nd Edition by Evans, Borton, Hintz, Vanvleck. ISBN# 0-7167-1811-1. Published by W.H. Freeman, New York.

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LEVEL I GOALS

By enrolling in the Love a Horse Project, you have expressed an interest in learning about horses and equine husbandry. This Level I Achievement activity is the first step along that path. At the beginning of this activity, list your goals and what you need to do to achieve each goal. At the completion of this Level I Achievement activity, define the progress you made toward meeting each goal.

Goal	What I need to do to reach my goal	Progress toward reaching my goal

UNIT 1: INTRODUCTION TO FANTASY HORSE

Welcome to the Love a Horse Level I Achievement activity. Although you do not have a real live horse, for the purposes of these activity books, we will ask you to create a fantasy horse. On this page you will begin imagining and creating this animal as we ask you questions along the way.

Below draw a picture of your fantasy horse and color it in or find a picture of a horse you like from a magazine or the internet and paste it below. Give your fantasy horse a name.

Name of my Fantasy Horse: _____

UNIT 2: BREEDS

Did you know that there are more than 400 horse and pony breeds? Just a few of the most common breeds in the United States are:

- Quarter Horse
- Thoroughbred
- Arabian
- Morgan
- Appaloosa
- Palomino
- Paint

Identify the Breed that matches each description. You may use a breed name for more than one description

- | | | |
|------------------|------------|--------------|
| A. Quarter Horse | D. Arabian | G. Appaloosa |
| B. Thoroughbred | E. Morgan | H. Palomino |
| C. Paint | F. Mustang | |

1. ____ This breed is used in the United States for horse racing at distances of approximately 1 mile. One of the most famous races for this breed is the Kentucky Derby.
2. ____ This breed is noted for their power and agility in working cows. They are still used for this purpose on cattle ranches.
3. ____ An American breed that originated with a single stallion named Figure.
4. ____ This breed has a striking golden coat color with a white mane and tail.
5. ____ An American breed which identifies five coat patterns: blanket, leopard, marble, snowflake, frost. Other distinctive markings include mottled skin, vertically striped hooves, and white sclera around the eyes.
6. ____ Most readily identified by a finely chiseled head, dished face, long arching neck, level croup, and high tail carriage.
7. ____ An American breed distinguished by the patterns of dark and white hair. Coat patterns are classified as tobiano, overo or tovero.
8. ____ The “wild” horses of Western America.
9. ____ This breed was named for it’s ability to sprint short distances of ¼ mile. It is raced at this distance primarily here in the United States.
10. ____ This breed is noted for its stamina and endurance and is used in the Middle East countries for traveling in the desert.

Identify the breed depicted by each picture and describe the characteristics of the horse that allowed you to identify their breed.



1. _____

Identifying Characteristics:

Photo Credit: Brevard County 4-H



2. _____

Identifying Characteristics:

Photo Credit: Brevard County 4-H



3. _____

Identifying Characteristics:

Photo Credit: Brevard County 4-H



4. _____

Identifying Characteristics:

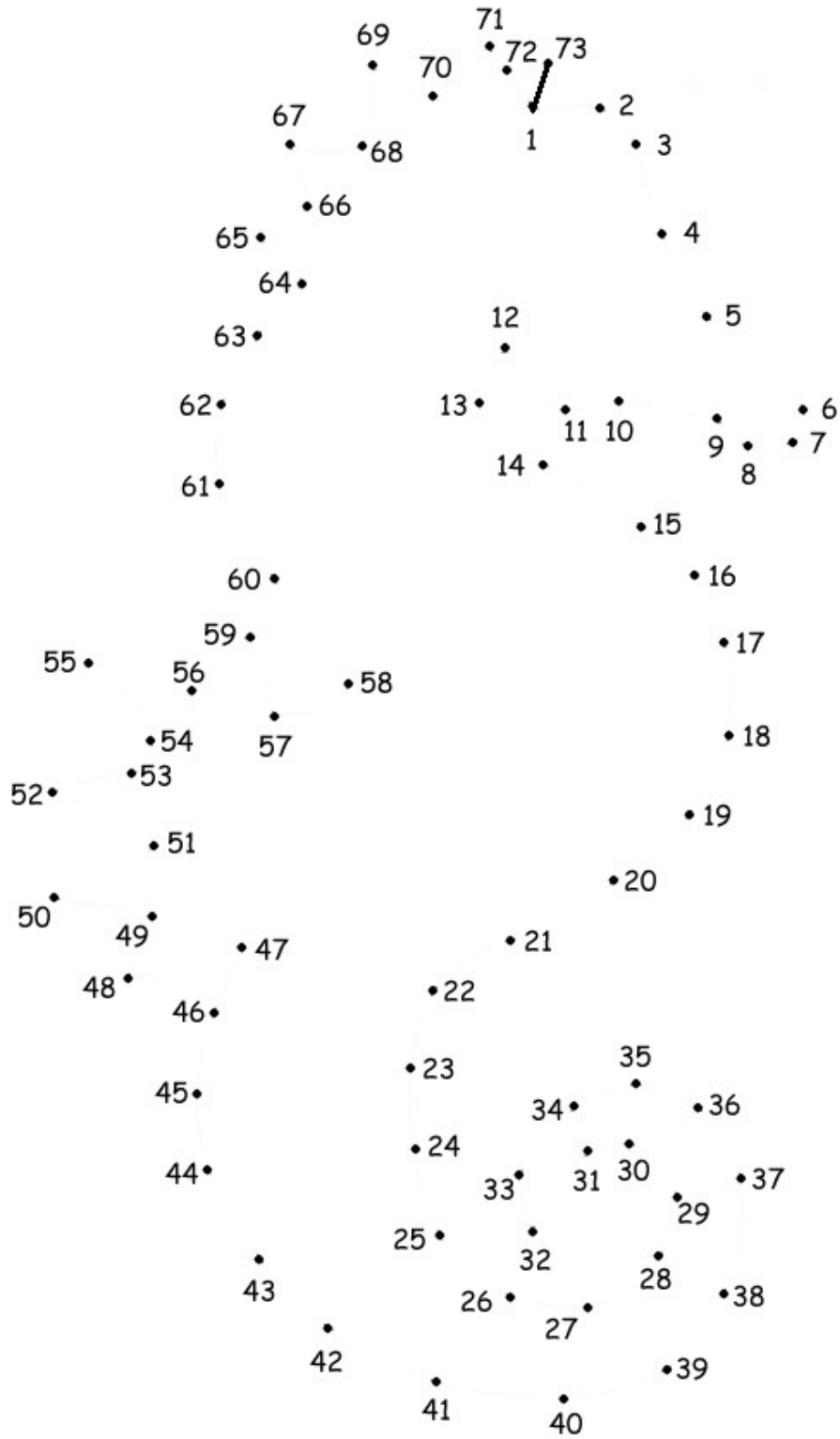
Photo Credit: Brevard County 4-H

Go to a large barn or horse boarding facility in your local area and identify as many horse breeds as you can or ask the members of your 4-H club who have horses what breeds they have.

List the breeds here:

What single breed did you find the most of? _____

This is a very special type of horse. Connect the dots to find out what it is.

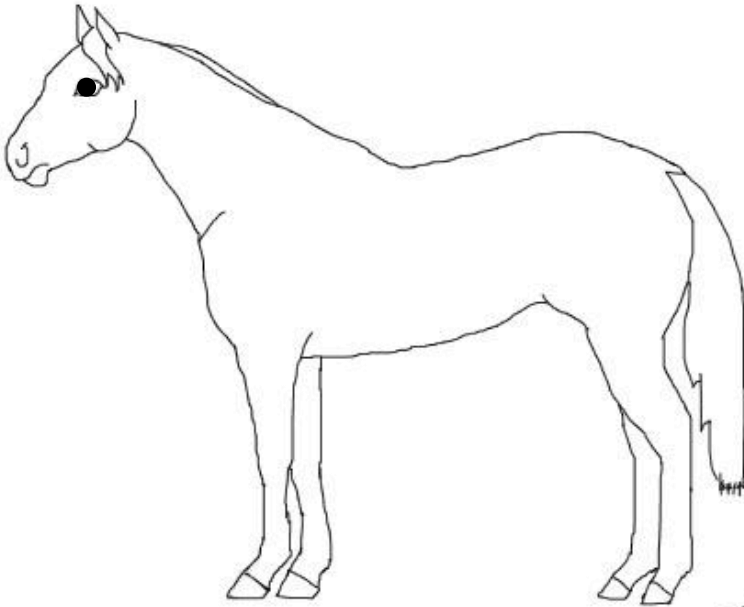


Credit: <http://www.print-ables.com/dots/dots19.html>

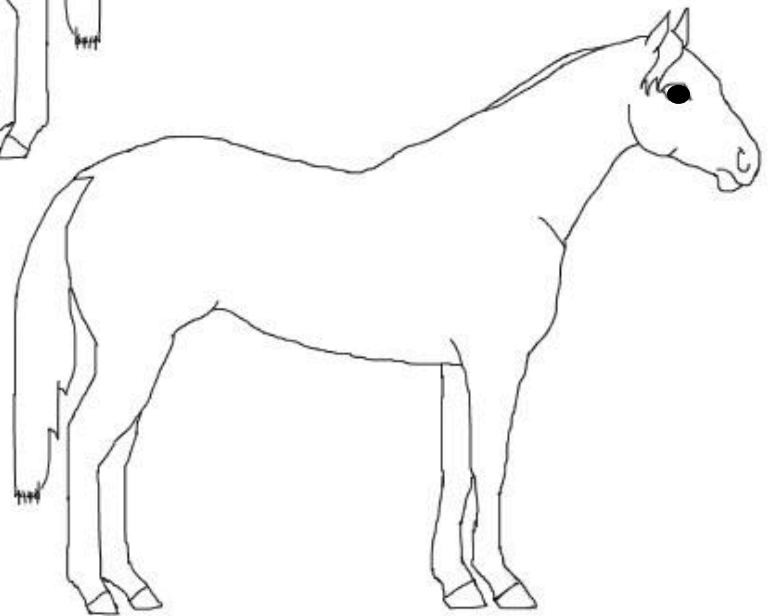
UNIT 3: COLORS

Horses come in a variety of earth tone colors.

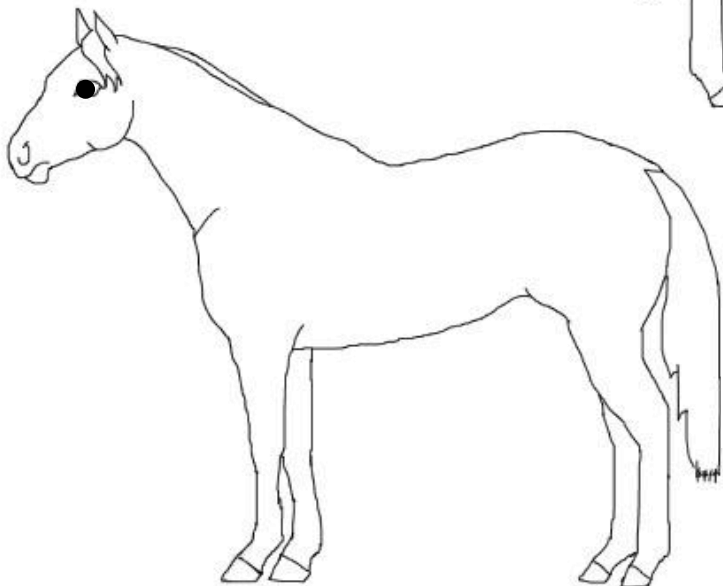
Demonstrate your understanding of horse colors by coloring these horses the correct color.



Bay



Chestnut



Palomino

Name at least 5 other colors that you think a horse might be.

1. _____
2. _____
3. _____
4. _____
5. _____

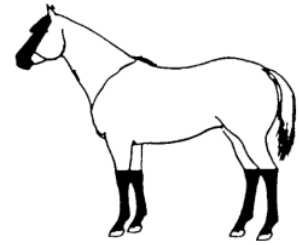
Ask the members of your 4-H club who have horses what color their horse is.

Did your inquiry reveal any new colors? _____

If so, what were they? _____

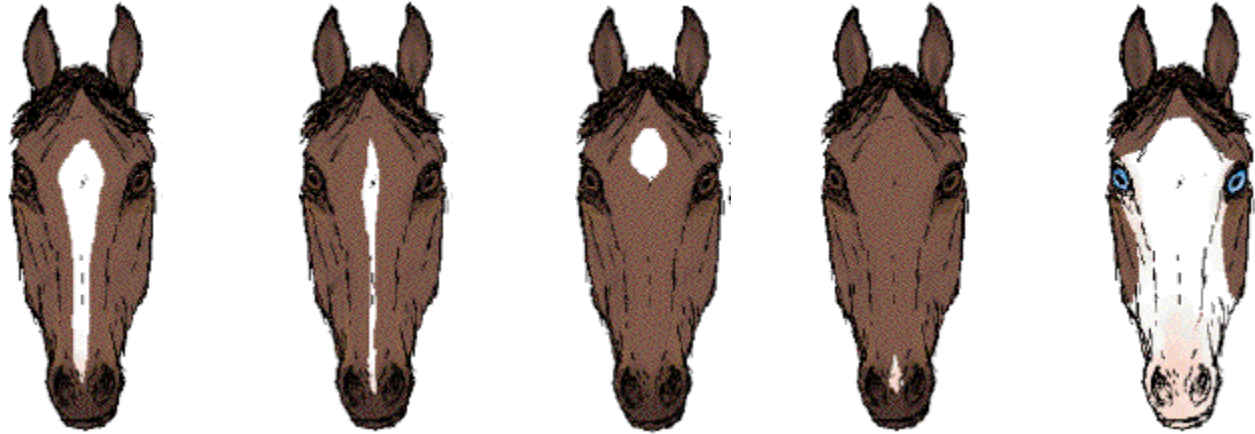
UNIT 4: MARKINGS

White markings on the face and legs of a horse (indicated by the shaded areas on the diagram to the right) are considered identifying markings and have specific names based on the extent and pattern of the white.



Identify the face markings on these images.

(Credit: http://en.wikipedia.org/wiki/Horse_markings)



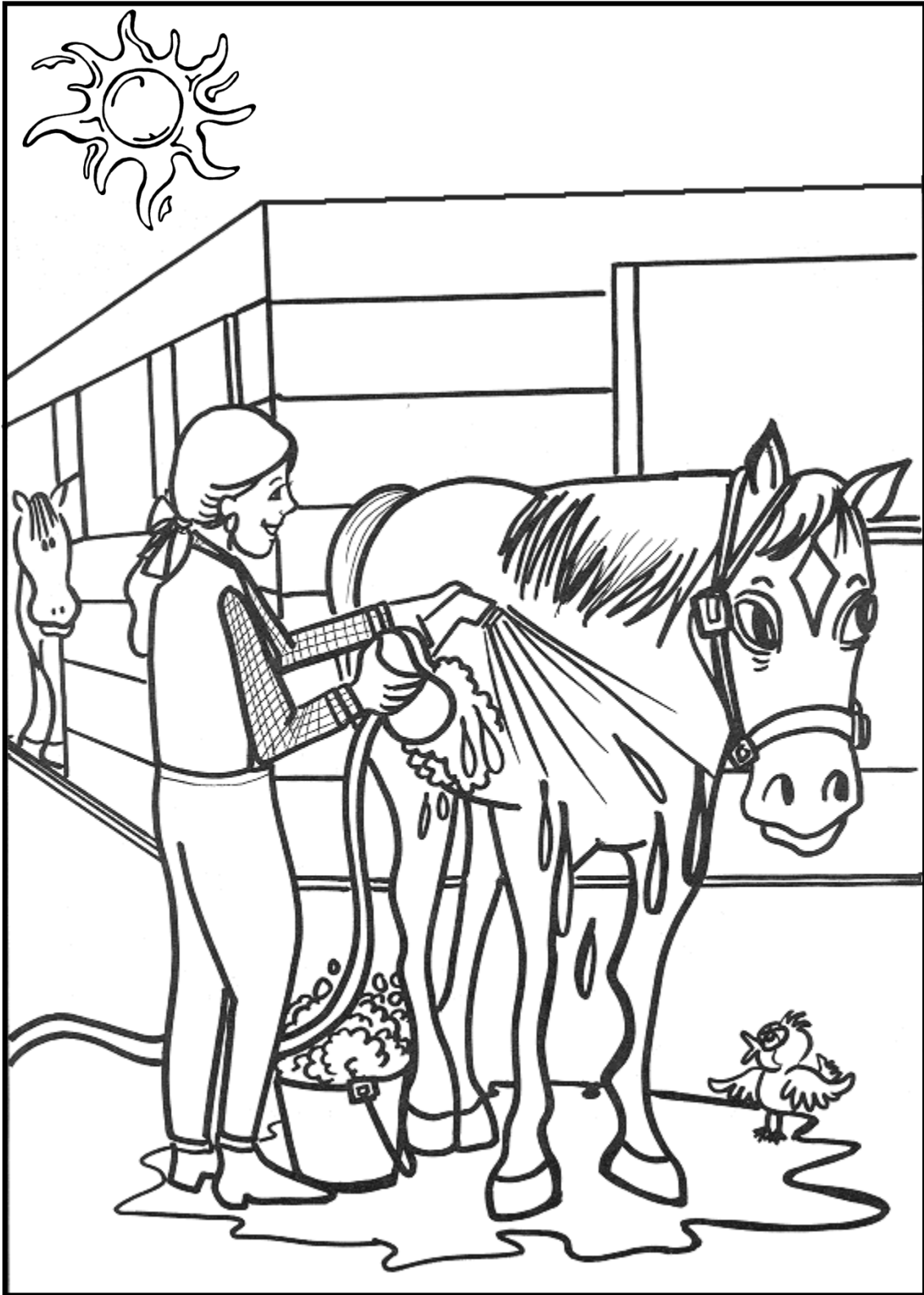
1. _____ . 2. _____ 3. _____ 4. _____ 5. _____

Identify the leg markings on these images. *(Credit: http://en.wikipedia.org/wiki/Horse_markings)*



1. _____ . 2. _____ 3. _____ 4. _____ 5. _____ 6. _____

This young horse and his care giver look like they are enjoying a refreshing bath on a hot summer day. **Maybe you can add some color to this picture.**

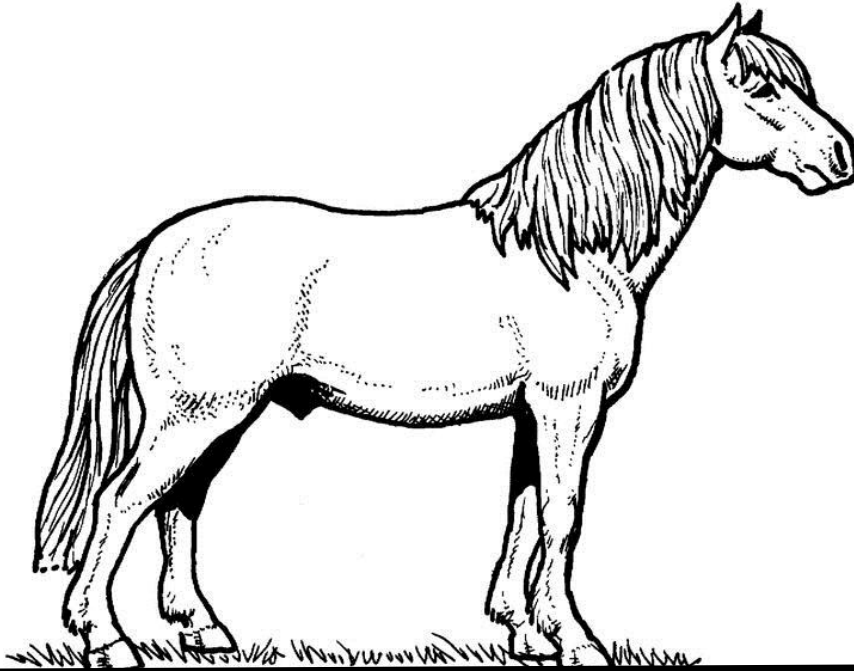


Credit: <http://www.angelfire.com/tx4/horselovers/images/bathtime.gif>

UNIT 5: HOW TALL IS A HORSE

Horses and ponies are measured in units of _____. This unit of measure is equivalent to _____ inches.

Use a colored pen or crayon to indicate on the following diagram how the height of a horse/pony is measured (that is from the ground to where?).



Your height is measured from the floor/ground to the top of your head while you are standing up straight. Your height is measured in feet and inches.

How tall are you in feet and inches? _____

How tall are you in hands? _____

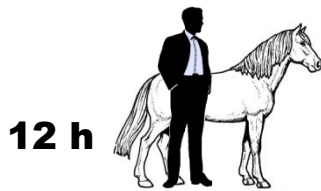
A miniature horse is measured differently than a horse or pony.

A miniature horse is measured in units of _____.

A registered miniature horse must measure no higher than _____.

Florida 4-H defines three sizes of equines in their horse program.

Match up the appropriate animal with its size classification according to Florida 4-H rules.



Small/medium pony

Large pony

Horse

UNIT 6: RIDING STYLES

There are many different styles of riding that people enjoy for pleasure and for showing.

Identify the styles of riding which are represented in the following pictures.



Photo Credit: Brevard County 4-H Supporter



Photo Credit: Brevard County 4-H



Photo Credit: Brevard County 4-H

1. _____ 2. _____ 3. _____

Name one difference between the styles of riding depicted in pictures 2 and 3.



Photo Credit: Brevard County 4-H



Photo Credit: Brevard County 4-H



Photo Credit: Brevard County 4-H

4. _____ 5. _____ 6. _____

Name one difference between the styles of riding depicted in pictures 4 and 5.

Interview at least 15 people who ride horses and ask them what their style of riding is (keep in mind that people sometimes ride multiple styles even on the same horse).

Record the number of people who rode each of these styles keeping in mind that a person may be counted more than once if they rode more than one style.

Western	
Hunter	
Saddle Seat	
Dressage	

Based on these numbers ,what style of riding was the most popular among your research group? _____

Do you think that preference would hold true for the majority of the people in your county? _____

UNIT 7: COMPETITIVE EVENTS

There are many competitive events where horse owners can show their horse.

Identify the horse events depicted in the following pictures.



Photo Credit: Clipart.com



Photo Credit: Brevard County 4-H

1. _____

2. _____



Photo Credit: Clipart.com/



Photo Credit: Brevard County 4-H



Photo Credit: Brevard County 4-H

3. _____

4. _____

5. _____



Photo Credit: <http://americashorsedaily.com/required-reining/>



Photo Credit: <http://www.kentuckyhorse.org/en/art/1258/>

6. _____

7. _____

In the six events illustrated in this unit, name at least two of the competitive events that are timed events where the competitors placing is determined by the fastest run time.

In the six events illustrated in this unit, name at least two of the competitive events that are judged events where the competitors placing is determined by a judges evaluation of the competitors performance in that event.



Now tell us more about your fantasy horse:

What breed is your fantasy horse?	
What color is your fantasy horse?	
What markings does your fantasy horse have?	
How tall is your fantasy horse?	
What competitive events would you like to show your fantasy horse in?	

UNIT 8: TACK

When riding a horse, the tack used is typically dictated by the style of riding.

Identify the type of saddle in each illustration. Also identify one characteristic of the saddle that allowed you to identify the type.

Images Credit: <http://www.clipart.com> or <http://www.statelinetack.com>



Type of Saddle: _____

Identifying Characteristic:

Type of Saddle: _____

Identifying Characteristic:

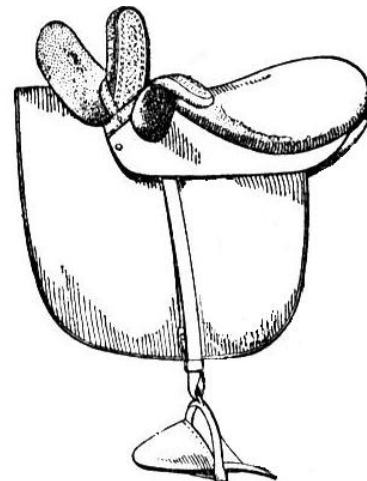


Type of Saddle: _____

Identifying Characteristic:

Type of Saddle: _____

Identifying Characteristic:



Identify the type of bridle in each illustration. Also identify one characteristic of the bridle that allowed you to identify the type.



Type of Bridle: _____

Identifying Characteristic:

Type of Bridle: _____

Identifying Characteristic:



Type of Bridle: _____

Identifying Characteristic:

Which of the competitive events identified in Unit 7 require a western saddle? (hint: 4 of the events require a western saddle)

Which one of the competitive events identified in Unit 7 requires an English hunt seat saddle?

What is unique about the type of saddle used by jockeys in thoroughbred racing?

Talk to some of your club members who ride horses and ask them how they take care of their leather tack. Based on what you learned, describe a routine for caring for leather equipment including the products that you would use.

Volunteer 1 hour of your free time to clean one leather bridle and one leather saddle with a leather conditioner.

Witness Signoff: _____

Volunteer your services to clean one pair of your dad's or mom's leather shoes or boots with a leather conditioner.

Witness Signoff: _____

What are some other apparel or household items that would benefit from a good swipe with a leather conditioner?

Circle the following words in the puzzle (words go in every direction -- up, down, diagonally, backwards and forwards)

CANTAR
FOAL
HAY
PONY

COLT
GALLOP
HORSE
TROT

FILLY
GRASS
MARE
WALK

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

Credit: <http://www.best-free-word-search-puzzles.com>

ABOUT THE AUTHOR: (c) 2005. Best Free Word Search Puzzles offers a large selection of fun free word search puzzles in a large variety of topics. All word puzzles are free, printable, and have solutions. Word finds range from easy to hard. Suitable for kids and adults

UNIT 9: BEHAVIOR

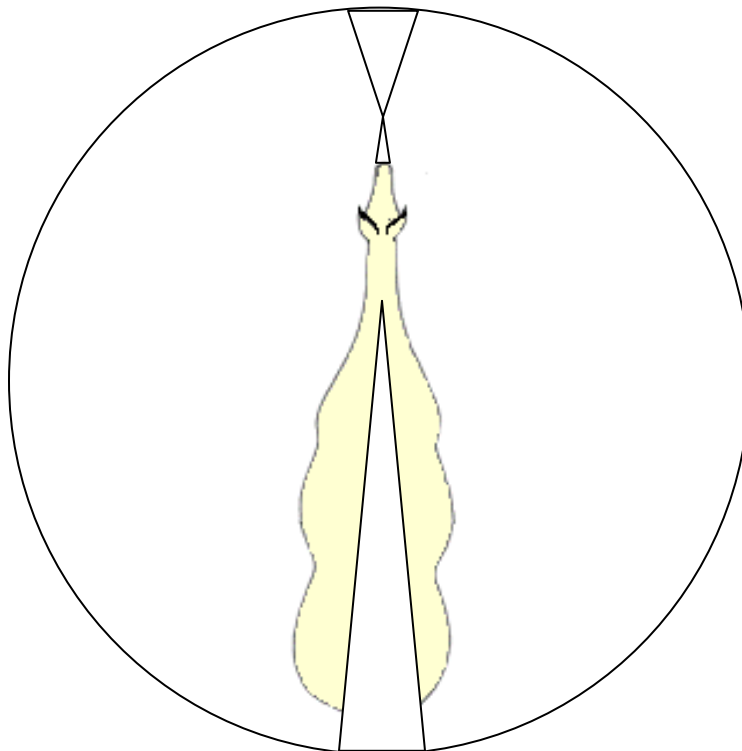
Horses, like humans, have many different signs that serve as clues as to their behavior. It is important to learn and recognize these signs to tell if it is safe to approach a horse or what to expect from them.

Animals are usually characterized as either a flight or fight animal. What is the difference between the two?

How would you mainly characterize a horse, flight or fight? _____

Horses have a large range of vision due to the placement of their eyes on the side of their head as opposed to the front of their head (like human eyes). They can see up to 270 degrees around them on each side as well as to the front.

On the diagram below, color in red the area where the horse can not see (blind area). Color in green the area where the horse has binocular vision (that is he can focus with both eyes). Color in yellow the area where the horse has monocular vision (that is he can only see with one eye). Draw an arrow showing the correct direction you should approach a horse from in order to keep from frightening him.

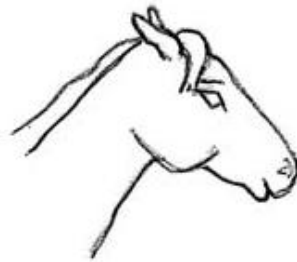


Look at the pictures below and determine the horse's behavior based on their expression.
Use the words sleepy, angry, aggressive, worried, attentive:

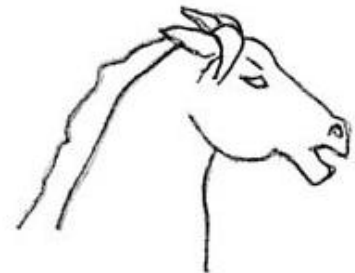
Image Credit: [http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/4h7933](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/4h7933)



1. _____



2. _____



3. _____



4. _____



5. _____

What features of the horses expressions in the diagrams allowed you to identify their mood and therefore their potential behavior?

Which of the expressions are clear warning signs that you should approach with extreme caution or not approach at all and instead should go back to the house and watch some more TV?

Which of the expressions signal that you should approach the horse carefully and slowly allowing him ample time to recognize you and accept your presence?

Which expression is a signal that the horse is ready and willing to accept your presence?

UNIT 10: SAFETY AROUND HORSES

Horses are large, powerful animals. Being aware of where you are in relation to a horse or pony, using the correct handling techniques and proper safety equipment is imperative both for your safety and that of the animal.

Take this quiz to test your "horse sense" on equine safety.

Q: To protect your feet while working around a horse you should wear:

- Rubber boots with very thick socks.
- Sturdy boots or closed toed shoes.
- Nothing.
- Sandals or flip flops.

Q: The safest way to feed a horse treats is to:

- Hold it on the flat of your hand very close to your body.
- Hold it out with the tips of your fingers.
- Put the tidbit in a bucket or feed tub.
- Hold it tightly with two hands.

Q: The safest place to stand when near a horse hitched to a buggy or cart is:

- To the side, clear of the wheels, shafts, or runners.
- Between the horse and the vehicle.
- Directly behind the vehicle.
- Directly in front of the horse where it can see you.

Q: When approaching a horse you should:

- Run up to it so you can catch it before it runs away.
- Approach from directly behind it.
- Talk softly to it so it knows you are there and approach from the side.
- All of the above.

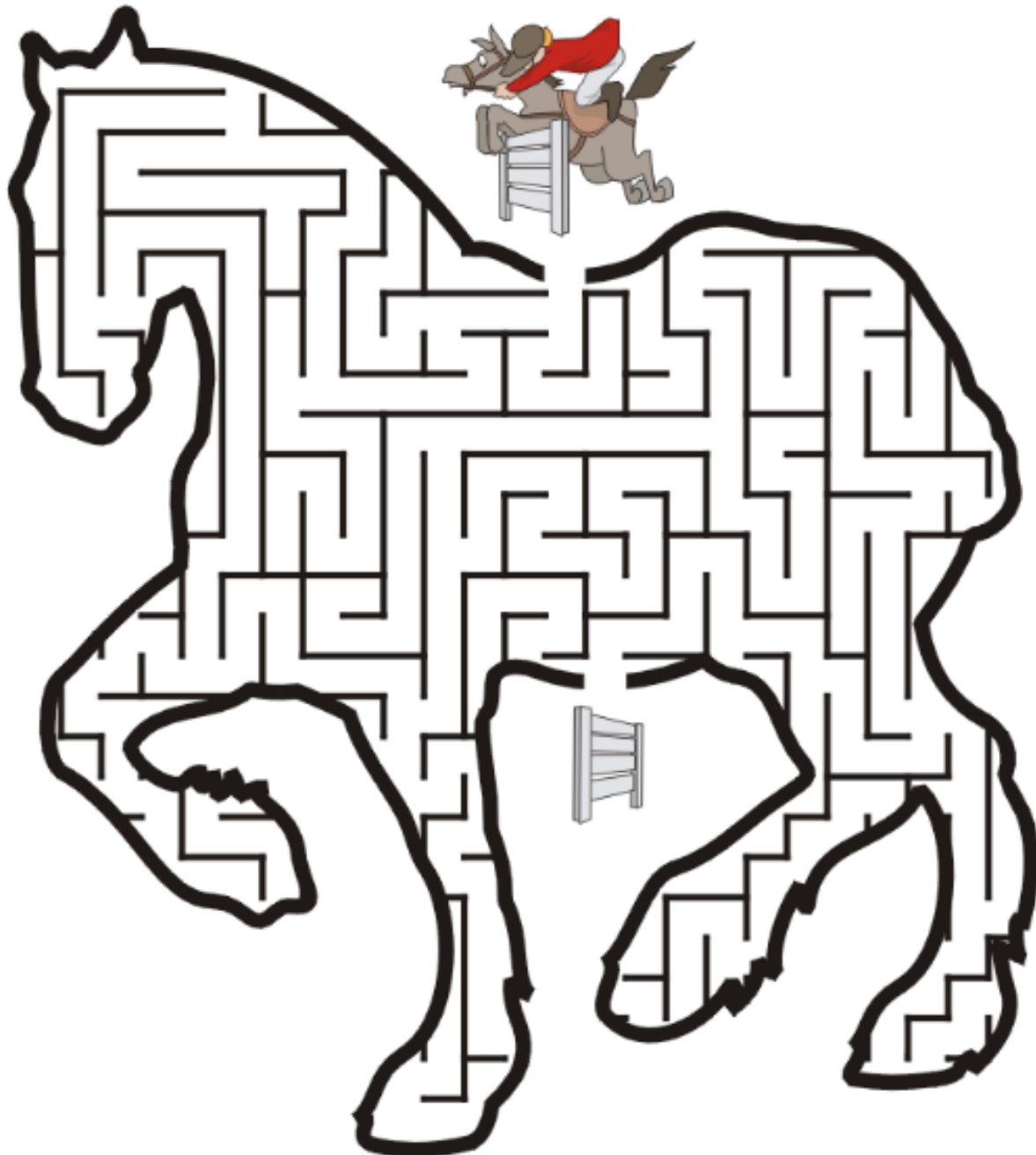
Q: You should never:

- Wind lead ropes, reins or lunge lines around your hands, arms or body.
- Stand directly behind a horse.
- Put your hands on the wheels of a cart or buggy.
- All of the above.

Q: When brushing the horses legs or cleaning out his hooves you should:

- Sit on a step stool.
- Bend over at the hips/knees so you can get out of the way quickly if your horse startles.
- Kneel on the floor.
- Sit on the floor.

Help the jockey and horse find their way through the horse shaped maze to find the next fence to jump.



Credit: <http://dreamsachievement.com/puzzles.html>

UNIT 11: GROOMING

Grooming is an important part of horse management and care. Answer the questions below to determine your knowledge of grooming a horse.

List 3 reasons why it is important to groom a horse:

- 1. _____
- 2. _____
- 3. _____

Humans are great at grooming, so are horses.

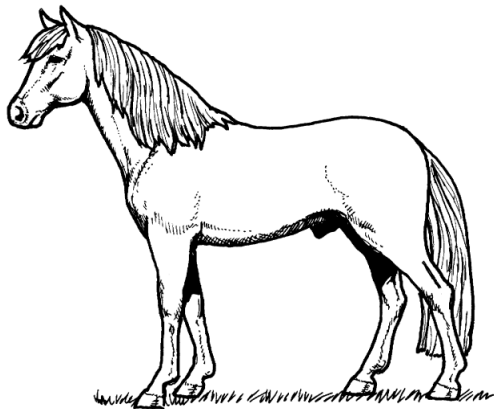
What is one way a horse naturally grooms itself?

You are able to determine when you need a good grooming. But horses rely on people to make that determination.

When should you groom a horse?

When grooming a horse, you must groom the entire body, including the legs and picking out the hooves.

On the diagram below, draw a picture of yourself standing in the correct position, facing the correction direction when preparing to pick out a horse's hoof.



In the diagram below, color in the area of the horse's hoof that you clean first. This area is called the frog.



Match up the grooming tool with its function by drawing a line between the picture and the definition. Then label each tool with its name. Number the tools in the order in which they are used with 1 being the first and 5 being the last. (Credit: <http://www.statelinetack.com/>)



This item is used on the inside of the horse's hoof. It cleans out any debris that may be in it.



This brush is used in long strokes all over the horse's body and legs. It polishes and removes the rest of the remaining dirt on the horse's coat. When using it, always go in the direction of the horse's hair.



This brush is made of rubber and used in a circular motion on the horse's body and top of the legs. It lifts the dirt out of the hair and to the surface.



This comb is used on the horse's mane and forelock to help detangle the hairs.



This brush is used in short, quick strokes over the entire body of the horse. It can also be used on the legs of the horse with care. This brush removes the dirt that has been lifted to the surface. When using it, always go in the direction of the horse's hair.

UNIT 12: 4-H PARTICIPATION

Record participation in any workshops, seminars, clinics, field trips, club meetings, club speeches, or club demonstrations.

Date	Activity	What I Learned

Record participation in any competitive events or fair exhibits.

Date	Activity	Level of Competition (County, Area, or State)	Placing or Award

Record your volunteer hours at 4-H sponsored events, including horse shows, fundraising, arena clean up, etc.

Date	4-H Activity	Hours

PROJECT PICTURES

PROJECT PICTURES

SIGNATURES

Periodic Review

Periodically your leader will check your progress in this book. Please bring your book to every club meeting.

By signing below, I am stating that I have reviewed this book with the 4-H member for completeness to date.

Club Leader Signature	Date

Project Completion Sign Off

By signing below, I am stating that I have completed this book myself.

4-H Member Signature	Date

By signing below, I am stating that I am familiar with this work and, to the best of my knowledge, the member completed this book.

Title	Signature	Date
Parent		
Club Leader		