

Allegan County 4-H



Horsemaster Level Five

Name: _____

Address: _____

City: _____ Zipcode: _____

4H Age: _____ Club Name: _____

Leader's Name: _____

Date: _____



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UNMOUNTED SKILLS LEVEL FIVE

Correctly demonstrate the following skills to a designated leader or resource person
Leader, please mark an "X" in the "S" Column for successfully demonstrating or
in the "G" column with demonstrated with Guidance

	SKILL	S	G	Date
1	Demonstrate procedure used in locating lameness or unsoundness			
2	Show on your own horse any unsoundness or blemish			
3	Demonstrate deworming a horse or pony			
4	Safely load and unload a horse or pony			
5	Using a safe horse or pony, Lunge the animal at a walk, trot, canter, and reverse			
6	Explain and show the pressure points of your bridle			
7	Demonstrate checking for sore back and explain causes			
8	Explain the digestive system, include guts sounds, the path food takes and normal bowel movements.			
9	Demonstrate how to check capillary refill time. Explain what is normal.			
10	Show where the wolf teeth are, what problems they could cause and what should be done with them			
11	Clip a horse or pony in preparation for a show			
12	Perform a showmanship pattern: Including a trot, 360 pivot, back up, set up for inspection.			

RIDER'S NAME: _____ DATE: _____
EVALUATOR'S SIGNATURE: _____ DATE: _____

Comments: _____

LEVEL FIVE MOUNTED SKILLS EVALUATION

(Choice of seat is optional)

Scoring System -75% passing (with a minimum of 5 on each movement)

- 1-3 Unsafe –difficulty maintaining control
- 3-5 Attempt to perform movement but below requirements
(Example: wrong lead uncorrected)
- 5-8 Movement performed with errors, but corrected (Example: leads, diagonals)
- 8-10 Movement performed correctly to exceptionally well.

LEVEL FIVE

	Possible Score	Score
Lead your horse to evaluator, do a tack check, explain purpose and proper fit. Mount and trot/jog along rail.	10	
Lope/canter left lead	10	
Hand gallop left lead	10	
Reverse at a canter perform flying lead change to the right	10	
Break to a trot/jog	10	
Perform a figure eight at the trot	10	
Perform a figure eight at the lope/canter	10	
Ride Western/English riding pattern (flying lead changes)	10	
Leg yield trotting (two tracking)	10	
Counter canter	10	
Turn on forehand (360 degree both directions)	10	
Turn on haunches (360 degree both directions)	10	
Open and close a gate mounted	10	
Sidepass both directions	10	

ADDITIONAL SCORING

Subtle use of aids	10	
Submission of horse to rider	10	
Correctness of position	10	
Balance and collection	10	
Overall safety awareness	10	

Possible Score (190) Total _____

Rider's Name: _____

General Comments of overall ride (may make suggestions for improvement) _____

Evaluator's Signature: * _____ Date: _____

*Evaluator must be different from Levels 1, 2, 3 & 4

ALLEGAN COUNTY 4-H HORSEMASTER PROGRAM

LEVEL FIVE

Congratulations! You have reached Level Five in the Horsemaster Program! In Level Five, you will use your hardwork and knowledge to enjoy a truly fine horse and/or improve horses you ride and handle. This level will introduce you to more advance skills, greater challenges, increased knowledge and continuing opportunities to grow personally. To complete Level Five, each 4-H Member should be able to:

- Learn how to buy and store feed and grain
- Have knowledge of barn and pasture management
- Identify feeds and feeding of horses at different ages
- Identify two more horse breeds (Must be different from Levels 1, 3 & 4)
- Learn how to transport a horse safely
- Learn techniques of lunging and ground driving
- Learn about mare care during gestation
- Learn how to halter break a foal

**** You must earn a 85% or higher score to pass HorseMaster Level Five****

Horsemaster Level booklets have been combined with the Allegan County 4-H Horse Notebook program.

The requirement for Notebooks are following (in this order):

1. Decorative cover
2. Title page (must have title, name, club, year in project)
3. Table of Contents or Index (updated each year)
4. Current year personal story and pictures (Should include: name, age, school grade, family, pets, description of horse/pony, what was learned in the project year, other projects, club activities, non 4-H activities and goals.)
5. Horse & Pony Feed & Care Record and Stable Record Card (4-H 1072 & 4-H 1073) (12 months required September 1 - August 31)

Yearly requirements:

- a. Reports pertaining to subject (all articles from magazines must have a summary of what you learned from it.)
- b. Diagrams, pictures drawn or cut out
- c. Samples or collections and they must be attached to the notebook.

A notebook should be neat and clean.

1. Pages should be neatly arranged, numbered and put in **protective covering**.
2. All reports can be in longhand, typed or done on computer.
3. Notebooks **must** be indexed by years and have dividers between each year and numbering sequence.
4. Pages should be written so they are easily read.

Notebooks should start with the member's current year in the 4-H Horse Project and then added in as desired. (Example: 4th year member starts with 4th year notebook requirements and may add in earlier year requirements as desired).



How to Buy and Store Feed and Grain



(15 points)

Equine nutrition is a complex topic. It is important to understand which feed and/or grain is appropriate for your horse. Feeds are classified into three main types 1.) forages, 2.) concentrates and 3.) mixed feeds. As a general rule, we should use feeds that are suitable and

1. Forages

There are two main forms of forages 1.) dry forages and 2.) pastures. Let's begin by looking at hay as a dry forage. In general, the best hay for horses is good quality grass-legume mixed hay. Please fill in the response under each hay characteristic in the table below. Note, Chapter 9 in the National 4H Council Horse Science would be a great resource.

How to Evaluate Good Quality Hay Before You Buy					
Leafiness (Explain why having leaves is important for good quality hay)	Color (What does color indicated in hay)	Odor (Describe the type of smell a good quality hay should have)	Heating (Describe what causes heating or fermenting in hay)	Dust (Explain why dust is a problem in hay)	Foreign Material (Describe plants/ substances that would be undesired in good quality hay)

How to Buy and Store Feed and Grain (5 points)

Next, let's look at grain and how to best determine which grain you should buy for your horse.

2. Grain

Understanding how to read the feed tag can help you provide the correct diet. Remember the tag only represents what is in the bag and that other factors are involved when choosing the correct feed for your horse.. Please compare the two tags below and answer the questions.

1.

**FAUX 12% TEXTURED HORSE FEED
FOR MAINTENANCE OF MATURE HORSES**
Guaranteed Analysis

Crude Protein (Min)	12%
Crude Fat (Min)	3%
Crude Fiber (Max)	12%
Calcium (Ca) (Max)	1.5%
Phosphorus (P) (Min)	1%
Copper (Cu) (Min)	20 ppm
Zinc (Zn) (Min)	40 ppm
Selenium (Se) (Min)	0.1 ppm
Vitamin A (Min)	2,000 IU/lb
Vitamin D3 (Min)	450 IU/lb
Vitamin E (Min)	60 IU/lb
Biotin (Min)	0.45 mg/lb

Ingredient Statement
Grain Products, Plant Protein Products, Processed Grain By-Products, Molasses Products, Roughage Products 25%, Vitamin A Supplement, Vitamin D3 Supplement, Vitamin E Supplement, Riboflavin Supplement, Pyridoxine Hydrochloride, Folic Acid, Biotin, Thiamin, Calcium Carbonate, Salt, Dicalcium Phosphate, Manganous Oxide, Ferrous Sulfate, Copper Oxide, Magnesium Oxide, Zinc Oxide, Ethylenediamine Dihydroiodide, Cobalt Carbonate, Potassium Chloride.

Feeding Directions
Feed 1/2 to 1 lb of feed per 100 lb of body weight for the maintenance of mature horses. Feed good, clean hay at the rate of 1 to 1 1/2 per 100 lb body weight daily. Provide fresh, clean water at all times, except to hot, tired horses.

Important: Feed hay along with this ration, as per directions.

Manufactured by
Faux Products
Somewhere, TX 00000

2.

124799 20 KG

Complete 14% Pellet

A list of ingredients used in this feed may be obtained from the manufacturer or registrant. This feed contains added selenium at the level of 0.35 mg/kg.

GUARANTEED ANALYSIS	
Crude Protein (min.)	14.0%
Crude Fat (min.)	4.5%
Crude Fibre (max)	12.0%
Calcium (actual)	1.0%
Phosphorus (actual)	0.6%
Salt (actual)	1.0%
Sodium (actual)	0.4%
Magnesium (actual)	0.2%
Iodine (actual)	0.2 mg/kg
Iron (actual)	125 mg/kg
Copper (actual)	30 mg/kg
Manganese (actual)	85 mg/kg
Zinc (actual)	150 mg/kg
Cobalt (actual)	4.5 mg/kg
Vitamin A (min.)	12,000 I.U./kg
Vitamin D3 (min.)	2,000 I.U./kg
Vitamin E (min.)	125 I.U./kg
Vitamin K (min.)	3 mg/kg
Vitamin B12 (min.)	30 mcg/kg
Thiamine (min.)	10 mg/kg
Pyridoxine (min.)	7 mg/kg
Riboflavin (min.)	7 mg/kg
Niacin (min.)	45 mg/kg
Pantothenate (min.)	17 mg/kg
Folic acid (min.)	3 mg/kg
Biotin (min.)	4500 mcg/kg
Choline (min.)	900 mg/kg

DIRECTIONS FOR USE:
Suggested feeding rates are shown in the table below:

Mature Horses (500 kgs)	0.5-1.0 kg/100 kg body weight
-------------------------	-------------------------------

CAUTION
1. Directions for use must be carefully followed.
2. Do not use this feed in association with another feed containing supplemental selenium.
3. Feeding vitamins other than vitamin A, D, E, riboflavin, pyridoxine or thiamine to horses may not have a beneficial effect.
Individual results from the use of this product may vary due to management, environment, genetic, health and sanitation differences. Therefore, Horse Happy Feeds does not warrant or guarantee individual results.

NET WEIGHT 20 Kg
(44 LBS)

Feeds Act Reg. No. 68823121

For further information on feeding your horse, refer to the Horse Happy Feeds Feeding Guide available at your local Horse Happy Feeds dealer.

MANUFACTURED FOR HORSE HAPPY FEEDS AT:
98765 123 AVE. SOUTH,
PO BOX 1000, NORTH HESTUR, AB A1B 2C3

HORSE HAPPY FEEDS
BOX 37429
HESTUR, AB CANADA A1B 2C3

1. Which tag (1 or 2) has a higher crude protein percent? _____

2. Which tag has a lower crude fat? _____

3. What are the feeding instructions for tag #1? _____

4. Name one feeding caution from tag #2. _____

5. Which feed tag should you NOT use another feed containing supplemental with selenium? _____

How to Buy and Store Feed and Grain (10 points)

A horse can be very particular about what they eat and drink. Ensuring proper storage of feed and hay is essential for the health and safety of your horse. Please fill in the table below.

How To Properly Store Hay and Feed			
Hay (Explain how hay should be stored so it is kept dry and allows air to circulate)	Grain (Describe one way you could keep a bag of grain protected from becoming moldy or attracting vermin)	Feed Utensils (Describe a way you could keep feed utensils clean and safe from vermin)	Environment (What type of environment should grain be stored in?)

Feeds and Feeding of Horses at Different Ages

(10 points)

The Table below is the Horse Industry Measurement Standard for feeding horses at different ages. Use the table to answer the question below.

Table 1. Horse Industry Measurement Standard for Feeding Horses

Expected feed consumption by horses (percent body weight)

	Forage	Concentrate	Total	% crude protein
Mature Horses				
Maintenance	1.5-2.0	0-.5	1.5-2.0	10
Mares, late gestation	1.0-1.5	.5-1.0	1.5-2.0	12
Mares, early gestation	1.0-2.0	1.0-2.0	2.0-3.0	11
Mares, Late Lactation		.5-1.5	2.0-2.5	14
Working Horses				
Light work	1.0-2.0	.5-1.	1.5-2.5	10-12
Moderate Work	1.0-2.0	.75-1.5	1.75-2.5	12
Intense Work	.75-1.5	1.0-2.0	2.0-3.0	14
Young Horses				
Nursing foal, 3 months	0	1.0-2.0	1.0-2.0	16-18
Weanling foal, 6 months	.5-1.0	1.5-3.0	2.0-3.5	14-16
Yearling foal, 12 months	1.0-1.5	1.0-2.0	2.0-3.0	12-14
Long yearling, 18 months	1.0-1.5	1.0-1.5	2.0-2.5	12
Two year old, 24 months	1.0-1.5	1.0-1.5	1.75-2.5	12

Elizabeth's horse weighs approximately 1,000 lbs and is considered a light working horse. She needs to calculate how many pounds her horse will need to eat in hay and grain each day. If the forage intake for a light working horse is 1.0% of body weight she would calculate $0.01 \times 1000 \text{ lbs} = 10.00 \text{ lbs}$ of forage per day. In addition, if the concentrate intake is .5% of the body weight, she would calculate $0.005 \times 1000 = 5 \text{ lbs}$ of concentrate per day.

Exercise:

Calculate the pounds per day needed for hay and grain for a horse that weighs 1,050 pounds and is a mature horse on maintenance.

Pounds of Forage Fed per day: _____

Pounds of Concentrate (grain) Fed per day: _____

Knowledge of Barn and Pasture Management

(10 points)

A. Pasture Management

Pastures can reduce feed costs and provide plenty of nutrition. It is important to maintain healthy pastures that provide high-quality forage. Please answer the questions below. Chapter 9 of National 4H Council Horse Science would be a great resource.

1. An overgrazed pasture of short forage can be a serious source of
 - A.) Weeds
 - B.) Trees
 - C.) Parasite infestation
 - D.) Flowers
2. How often should horses be rotated to a "fresh" pasture?
 - A.) Once a month
 - B.) Every 2 weeks
 - C.) Every 3 weeks
 - D.) Once a week
3. If a pasture is being considered as a source of nutrients, which factors should be considered?
 - A.) Current condition
 - B.) Number of horses grazing
 - C.) Nutritional value
 - D.) All of the above
4. True or False. Horses not familiar with a good pasture or being pastured for the first time should not have a good feeding of hay before being turned out.
5. True or False. Pasture forages in the early spring may be laxative.

Barn Management Keeping Your Horse Healthy and Happy

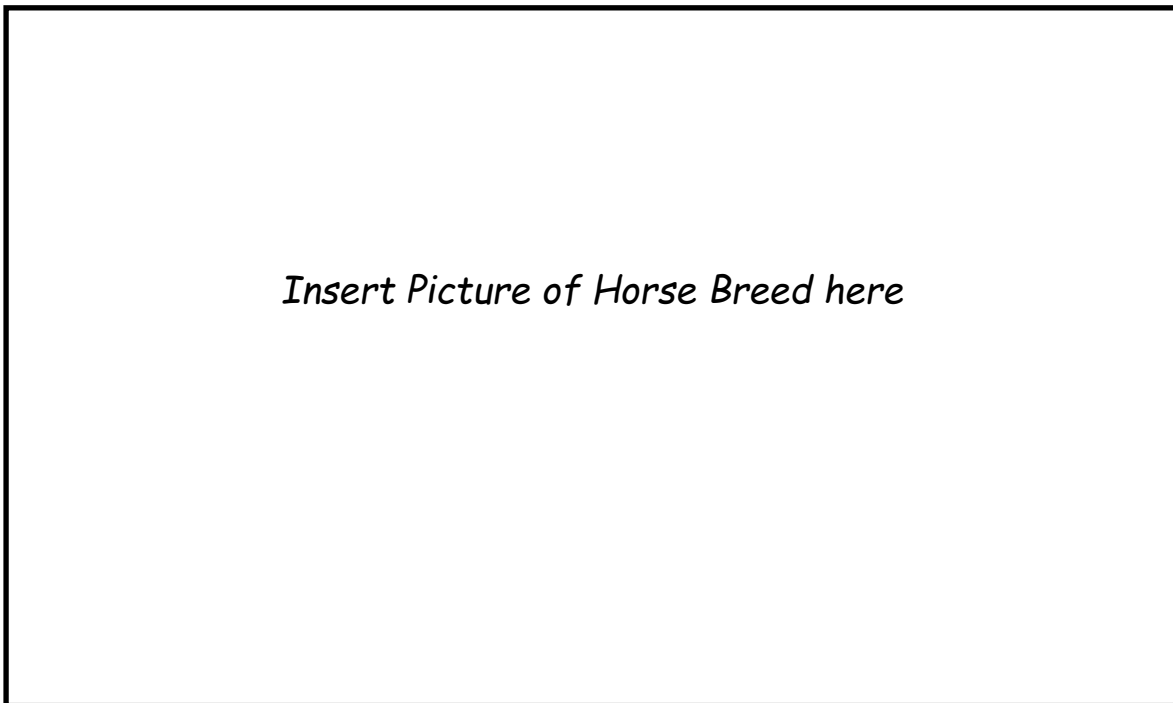
Horse Stall Size (Explain the recommended size of a stall for standard size horse)	Storage Room (Describe what you would keep in a storage room and why)	Bedding (Describe three different types of bedding that can be used in a stall)	Stall Confinement (Explain two possible hazards of stall confinement)

Identification of Three Horse Breeds (5 points)

(Picture and Characteristic **Must be different from Level 1, 3 & 4**)

1. _____

Characteristics of Horse Breed: _____

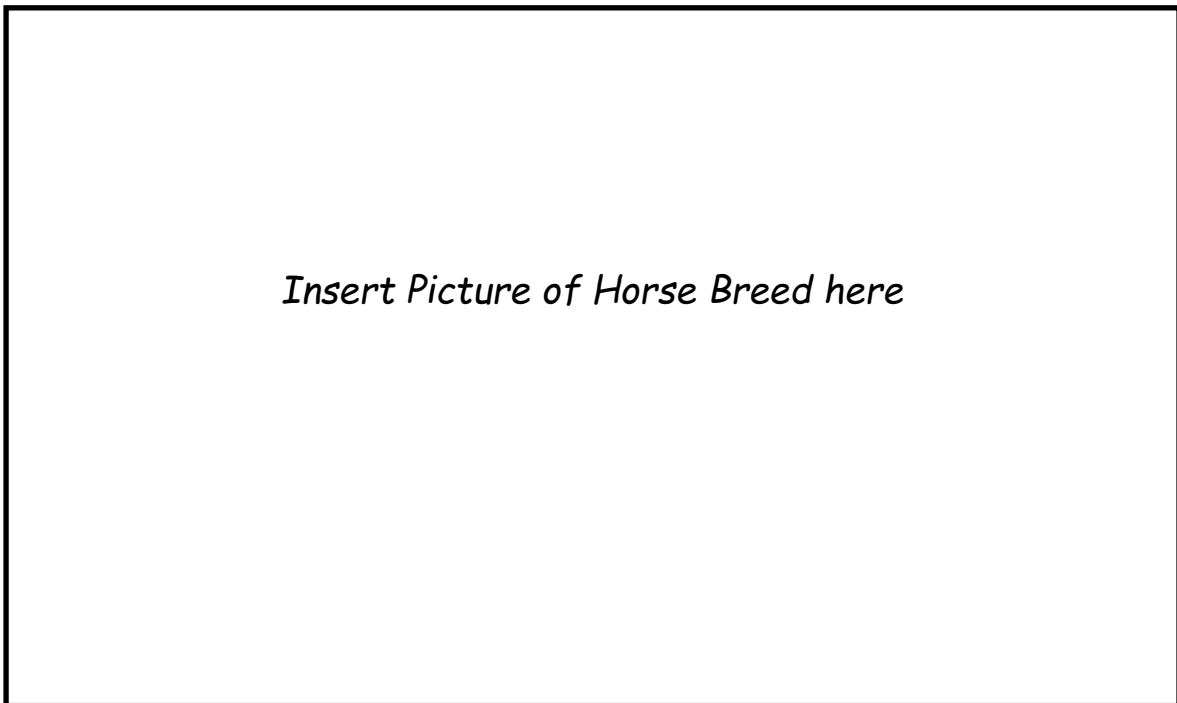


Identification of Three Horse Breeds (5 points)

(Picture and Characteristic **Must be different from Level 1, 3 & 4**)

2. _____

Characteristics of Horse Breed: _____





Transport a Horse Safely (5 points)



Transporting a horse can be exhausting, yet it is exciting and necessary to get to lessons, competitions or off-property trail rides. To prepare yourself for transporting your horse, please answer the questions below. Reference: <http://www.blueridgetrailer.com/blog/transporting-horses-by-road/> and <https://www.eqgroup.com/Pdf/Horse%20Trailer%20Checklist.pdf>.

1. How would you train a horse to load and unload easily?

2. How would you tie the horse in the trailer?

3. How long should you stop and rest while driving your horse?

4. What should you carry extra of, in case you break down?

5. Name 3 things you should look for when doing a safety check of the vehicle and trailer.

Techniques of Lunging and Ground Driving

(5 points)



Lunging is a method of exercising the horse that involves the horse moving in a circle around the handler, controlled by a lunge line. Please refer to the following resource (<https://jesstumaniprinciplesofriding.weebly.com/lungeing-for-improvement.html>) and answer the questions below.

1. Where is the most ideal place that lunging should be carried out? _____

2. When lunging your horse, please describe how you can visualize a triangle. Whom/what would form the base, the sides of the triangle and the apex. _____

3. Explain why side reins could be used as a training aid with lunging. What do side reins encourage? _____

4. Where does a Chambon training aid apply pressure? _____

5. Name two different types of exercise that are used for Lunging.

1. _____

2. _____

Techniques of Lunging and Ground Driving

(5 points)



Ground Driving is one of the best ways to teach "whoa" and "back", to teach your horse to listen for your signals and to turn left and right. Please use the following resource: (<https://www.wikihow.com/Train-a-Horse-to-Drive>) and answer the questions below.

1. True or False. If your horse is not comfortable with lunging in the long lines and is not fully comfortable with the feeling of the long lines, you should continue on with training your horse to ground drive.
2. Once your horse is ready to begin practicing ground driving, how do you communicate to your horse (without using verbal cues) to turn right and left? _____

3. When you first apply a harness to your horse to practice ground driving, before you lunge your horse, how long should you put the harness on the horse and take it for a brief walk? _____

4. In Part 3, Step 4 of Ground Driving, please explain why this stage may take a little longer than expected? _____

5. True or False. Learning to pull weight (such as a PVC pipes or a tire) is an essential part of driving.

Mare Care During Gestation

(10 points)



This section will assure the health and well-being of a pregnant mare. Please refer to this resource (https://www.selectbreeders.com/system/attachments/3267/original/Pregnant_Mare_Info_2018_R5_digital.pdf?1518797219) to answer the following questions.

1. What is the gestation period for a horse?

A.) 8 months

B.) 9 months

C.) 11-12 months

D.) 6 months

2. Nutrition is a very important part of the gestation period for a mare. During the last 2-3 months, what is recommended for feed? _____

3. What are the 3 vaccinations goals for broodmares?

1. _____

2. _____

3. _____

4. What is one potential danger signs to look for in a pregnant mare? _____

5. Prior to foaling, when should pregnant mares be dewormed?

A.) 4—6 weeks before foaling

B.) One week before foaling

C.) Does not need to be wormed

D.) Two weeks before foaling

Halter Breaking a Foal

(5 points)



The first step on the road for a foal to become a "big horse" is halter training. Please refer to the following resource (<https://irp.cdn-website.com/5be26072/files/uploaded/Halter%20Breaking%20Your%20Foal.pdf>) and list the 7 steps Tom and Margo suggest for halter breaking your foal.

Step 1: _____

Step 2: _____

Step 3: _____

Step 4: _____

Step 5: _____

Step 6: _____

Step 7: _____

Demonstration Evaluation (15 points)

Demonstration Evaluation:

Please present to your club or 4H Leader one common horse disease or ailment. Describe causes, symptoms, preventions and treatment.

Location and Date: _____

Disease or Ailment: _____

Cause: _____

Symptoms: _____

Prevention: _____

Treatment: _____

Leader's Comments:

4-H Member Signature	Date Signed

4-H Leader Signature	Date Signed



4-H Horsemaster Level 5 Level 5 Completion Signatures



Once you have completed this book, you will need to sign this page. Your leader and a parent/guardian will also look through this booklet and sign in the spaces below.

4-H Member Signature	Date Signed

Parent/Leader Signatures:

By signing below, I am stating that I have reviewed this 4-H member's Horsemaster Level 5 book, and to the best of my knowledge, the member completed this book on their own and the information provided is correct.

Title	Signature	Date Signed
Parent/ Guardian		
4-H Leader		

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4-H Horsemaster Buckle Award

Levels 1-5 Completion



Congratulations! You are just one Horsemaster level away to earning a 4H buckle! Your hard work has paid off! Please check mark the list below, provide two different names of your mounted evaluators and have your 4H leader sign to confirm you have completed the list below. Once you turn in this Level 5 booklet and have passed Horsemaster Level 5, this form will be sent to the Allegan County 4H Horse Leaders committee for approval.

- Passed Levels 1-3 Horsemaster booklet and Unmounted and Mounted Riding Evaluations
- Passed Level 4 & 5 Horsemaster booklet and Unmounted and Mounted Riding Evaluations. **Note- the evaluator for Levels 4 and 5 must be different from Levels 1-3.**

1. Mounted Evaluator Name: _____

2. Mounted Evaluator Name: _____

Leader Signature

By signing below I am stating I agree with this 4-H member's completion of Horsemaster Levels 1-5 and Unmounted and Mounted Riding Evaluations.

4-H Leader Signature	Date Signed

Allegan County 4H Horse Leader Signatures

By signing below, the Allegan County 4H Horse Leaders voted in favor for this 4H member to have passed and completed Levels 1-5 of the Horsemaster series and to the best of our knowledge the 4H member had 2 different evaluators for Mounted Riding Evaluations.

Title	Signature	Date Signed
President of A.C.H.L.		
Horsemaster Committee Chair		

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