# American Morgan Horse Association, Inc.

**Presents** 



# AMHAY Merit Program Youth Workbook

# INTRODUCTION LEVEL FIGURE



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# FIGURE INTRODUCTION LEVEL

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# MISSION

The AMHA Youth Programs are designed to help our youth become educated horsemen who are civically minded, passionate advocates of the Morgan horse as well as advocates of horse sport and horse ownership.

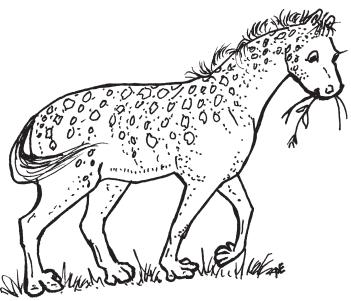
### RULES

- 1. This program is open to non-AMHAY members, 21 years and under, who are interested in learning more about Morgans and safe horsemanship. This is an introductory level intended to introduce future horsemen and women to the basics of horse anatomy, equipment, terminology and the history and versatility of the Morgan horse.
- 2. Complete the checklist at the end of this packet and email to Nicole@ morganhorse.com. A complimentary AMHA Youth membership for the remainder of the year will be awarded at the completion of this level.
- 3. There are 5 levels of achievement once AMHA Youth membership has been achieved:
  - 1) Bulrush
  - 2) Woodbury
  - 3) Sherman
  - 4) Black Hawk
  - 5) Justin Morgan

Information on the first two levels is available at www.morganhorse.com

Illustrations by Nancy Eidam

# **EVOLUTION OF THE HORSE**



EVOLUTION MEANS a gradual development from one form to another. Surviving thousands of years, the horse changed in size and structure from a small, dog-sized, brush eating forest dweller to the large, fast grass eating animal of today.

**Echippus**, The Dawn Horse, the earliest ancestor of the horse, lived 60 million years ago and had tour soft toes in front and three behind. He was a browser, eating leaves and soft greens in the dense forest undergrowth.

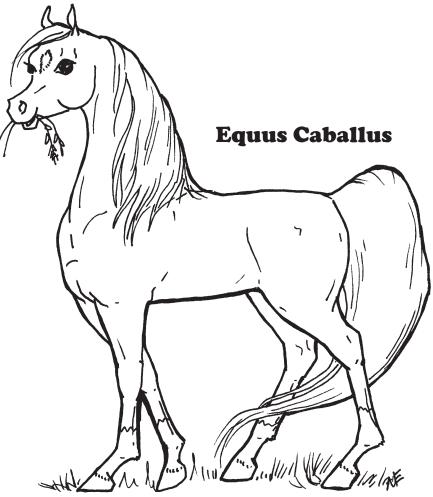
# **Eohippus**

**Mesohippus** lived 36 million years ago in the Oligocene Era and was the size of a sheep with longer legs, straighter back, and a central toe with two shorter side toes. He ate greens and relied more on speed than camouflage for safety.

**Merychippus** lived in the Miocene Era. He was "pony" sized and the first true "grazer" of grasses.

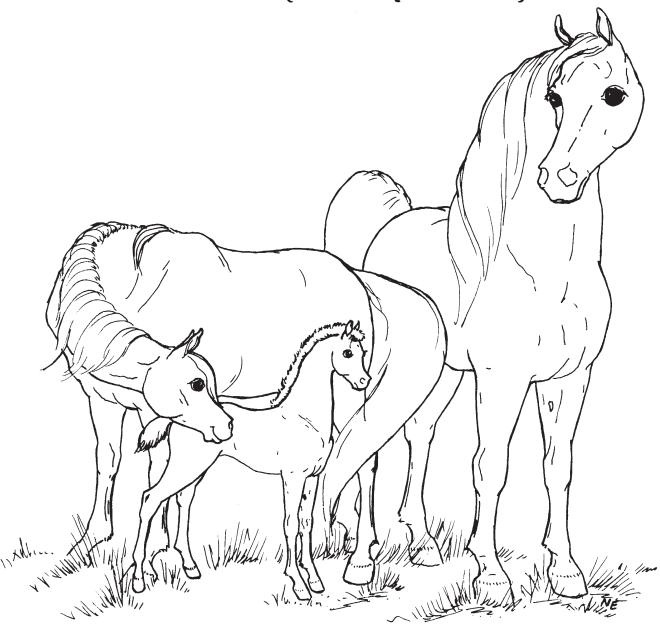
**Piiohippus** lived 13 million years ago in the Pliocene Era. He was the first "one-toed" member of the Equidae family. He had a longer head and straighter back than our modern horse.

**Equus** evolved from the Pliohippus family and can be divided into four categories: Przewalski's Horse, Tarpan, Tundra, and The Forest Horse. Equus is the ancestor of our modern horse, **Equus**Caballus



# THE EQUINE FAMILY

The first Morgan horse was a bay colt known as "Figure." He was born in Springfield, Massachusetts, in 1789, the same year George Washington became the first President of the United States. His sire was the bay Thoroughbred stallion, True Britton (Lloyd's Traveler x Betty Leeds) and his dam was known as the Wildair Mare (Diamond x Sportsman Mare).

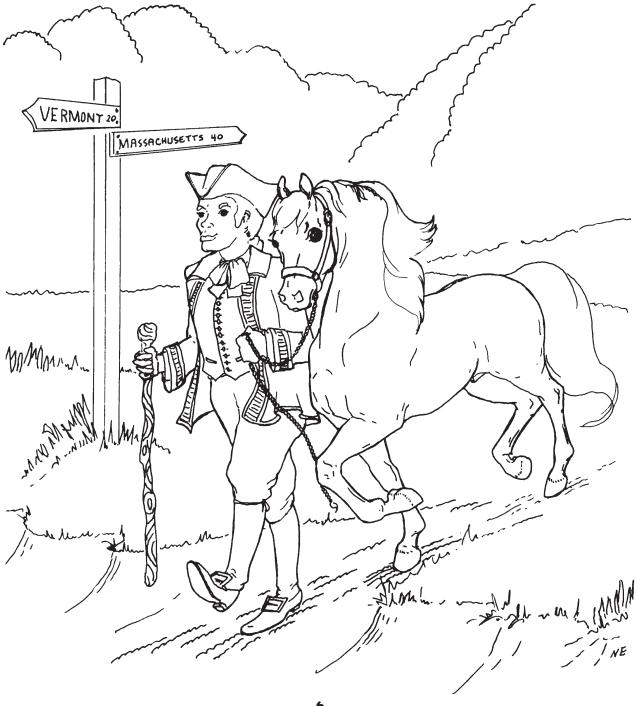


The mare is called a dam and she is the mother of the foal (colt is a boy and a filly is a girl).

The stallion is called the sire when he is the father of the foal.

# **JUSTIN MORGAN**

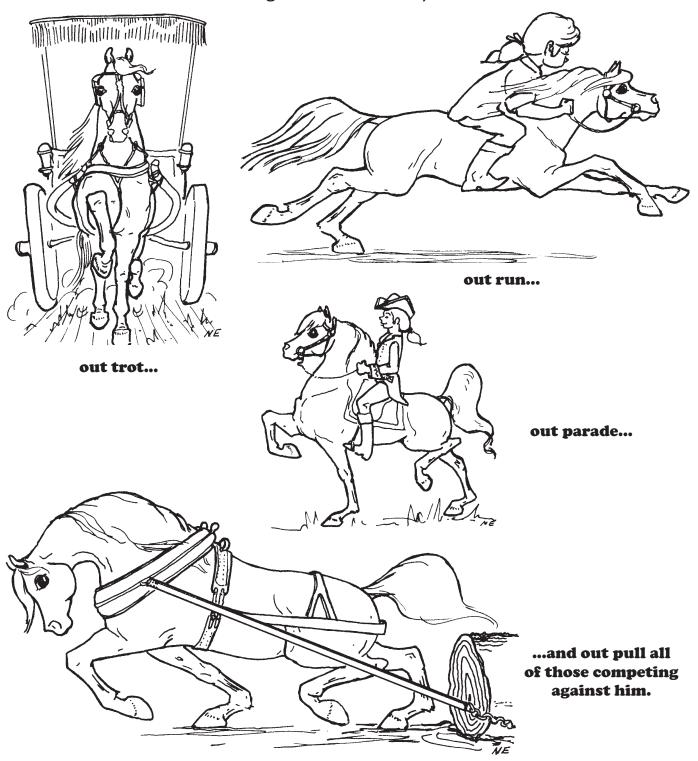
When Figure was a yearling, he was acquired by the Vermont singing teacher, Justin Morgan, for payment of a debt. He soon became famous throughout New England for his wonderful abilities and was then known by his owner's name, the Morgan horse. (Today, the Morgan horse is Vermont's state animal)



# **FAMOUS FIGURE**

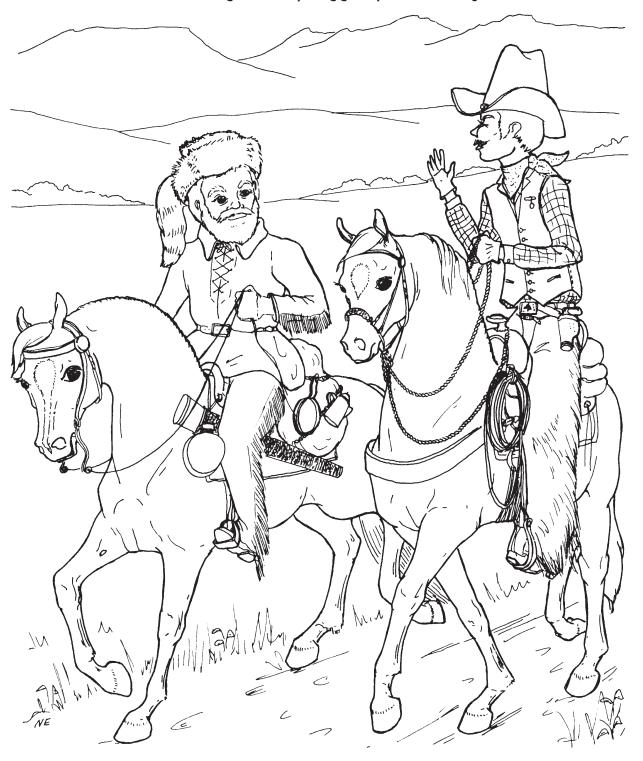
Figure excelled at all things making him famous in his own lifetime.

Matched against other horses, he could...



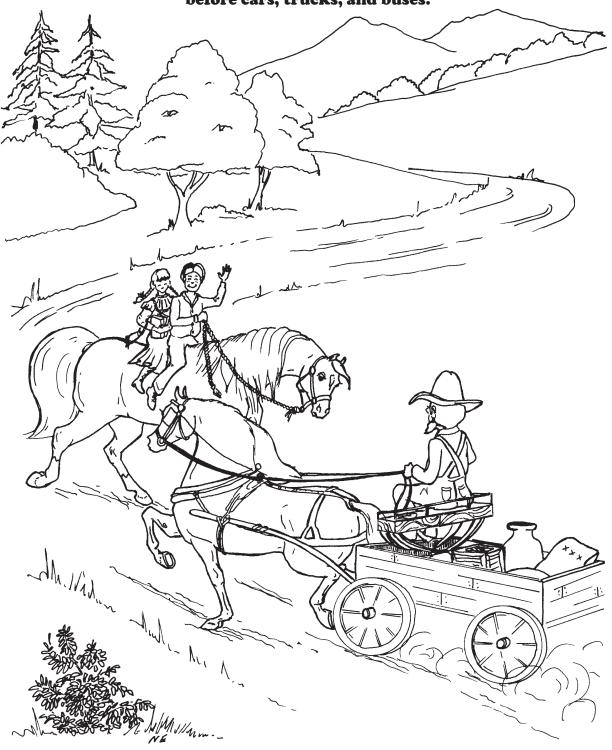
# **PIONEER MORGANS**

Morgans helped develop and settle our nation as they moved westward with the pioneers, trappers, and cowboys.



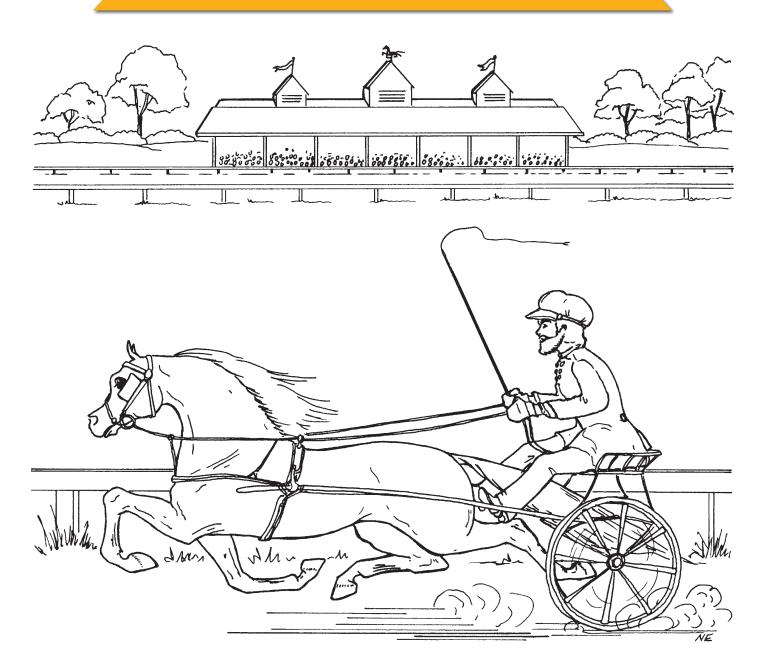
# **MORGANS IN TRANSPORTATION**

Morgans were a part of everyday life—eager to help the farmers, school kids, doctors, miners, and loggers. They were popular, reliable transportation, before cars, trucks, and buses.





# **BLACK HAWK AND ETHAN ALLEN**

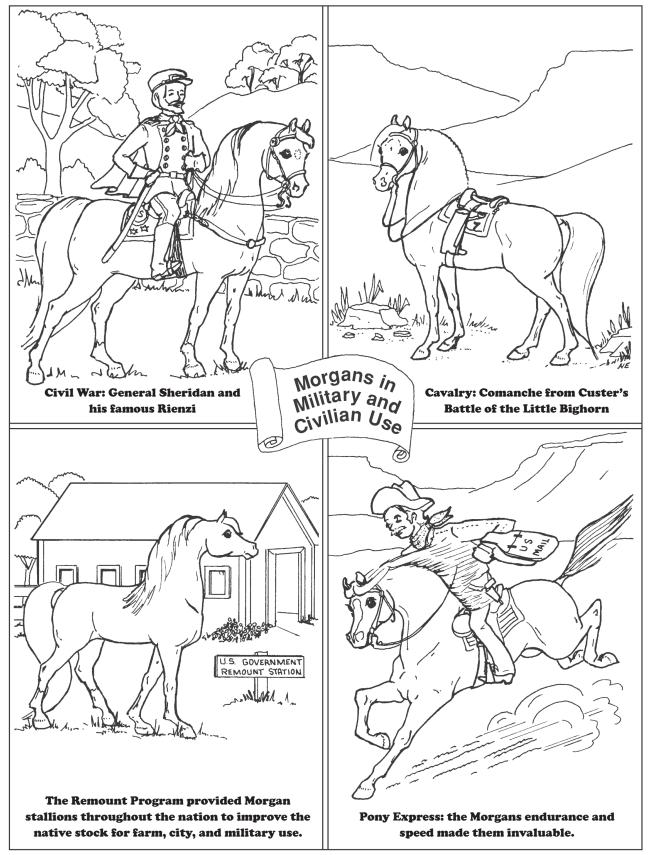


Before the automobile, the horse was the primary means of transportation.

The Morgan was the "cadillac" of the times prior to the 1900s.

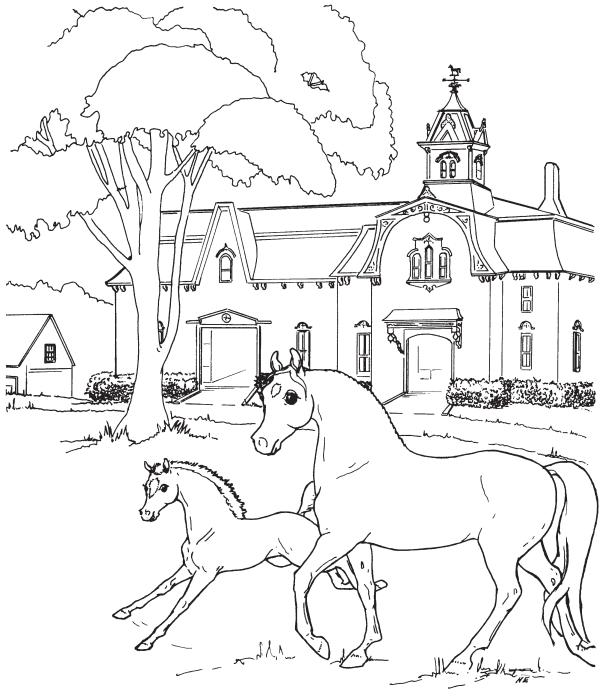
Black Hawk and his descendants ruled the roads and race tracks as the fastest harness horses in the world. Ethan Allan was universally famous as the 1853 World Champion Trotting Stallion.

# AMHAY Merit Program Figure Intro Level



# **COLONEL JOSEPH BATTELL'S IMPACT**

In 1907, Colonel Joseph Battell donated his 400-acre farm at Middlebury, Vermont, to the U.S. Government to perpetuate the Morgan breed. From the foundation stock, generations of champions have been produced that have had a great impact on the breed. Today, it is operated by the University of Vermont and thousands of visitors yearly have the opportunity to view descendants of "Figure."



# FIRST AND OLDEST LIGHT HORSE BREED

Justin Morgan, the legendary progenitor of the Morgan horse breed, was born in Springfield, Massachusetts, in 1789. The same year George Washington became the nation's first President. Reported to be of predominantly Thoroughbred and Arabian ancestry, this animal was what is known in genetic terms as a sport or mutation, possessing the ability to transmit to his offspring characteristics unique to himself, and many generations later, the same basic characteristics predominate.

Justin Morgan spent 30 of his 32 years in the state of Vermont and through his descendants became an institution in American heritage. It was this link to American history that inspired Walt Disney to personally select for production the film, "Justin Morgan Had a Horse," based on the novel by the same name written by Marguerite Henry.

Through Justin Morgan's three sons, Sherman, Bulrush, and Woodbury, America's first breed of horse was founded. The popularity of the Morgan horse spread throughout the country when Justin Morgan's grandson, Black Hawk, achieved great fame. Black Hawk's celebrated son, Ethan Allen, champion trotter of the world, is depicted in the famed Currier & Ives print.

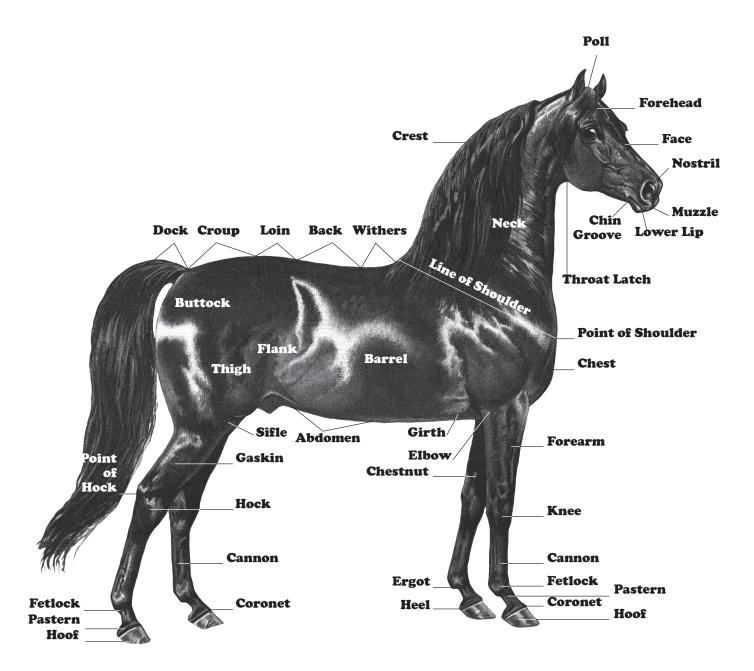
Morgan horses were used in the pioneering of the west; they served as calvary mounts during war and peace and as ranch horses on the cattle laden plains. They were used as stylish saddle and road horses, and some were called on to till the soil. It is interesting to note that the Morgan is the only registered breed of horse ever perpetuated by the United States Government.

It was in "1907 that the U.S. Morgan Horse Farm was established in Middlebury, Vermont, operated by the U.S. Department of Agriculture. The purpose of the farm was to perpetuate the Morgan breed and to provide breeding stallions for Remount Stations at various points throughout the nation. The Morgan horse was also used in establishing such breeds as the Standardbred, the American Saddlebred, the American Quarter Horse and the Tennessee Walking horse, which all enjoy high levels of popularity today.

The Morgan is known for its versatility. Its role and service to mankind has adjusted to the changing times created by evolution. Today the Morgan horse is many things to many people, from a working range horse and scholar of obedience, to a breathtaking, animated creature of precision, unparalleled in equine beauty. He excels in and out of the show ring, under saddle or in harness; as a trail horse, roadster or jumper; with precocious youngsters he can be relied upon to have the patience of Job; and is willing to tolerate newly acquired masters during their apprenticeship in basic horsemanship.

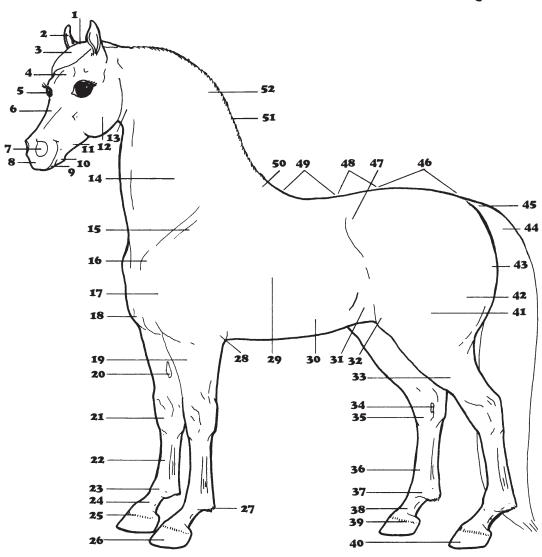
As a breed organization, the American Morgan Horse Association, Inc., is dedicated to the perpetuation and promotion of one of America's most personable, goodwill ambassadors—the Morgan horse—"Pride and Product of America Since 1789."

# THE ANATOMICAL CHART OF THE MORGAN HORSE



# **PARTS OF THE HORSE**

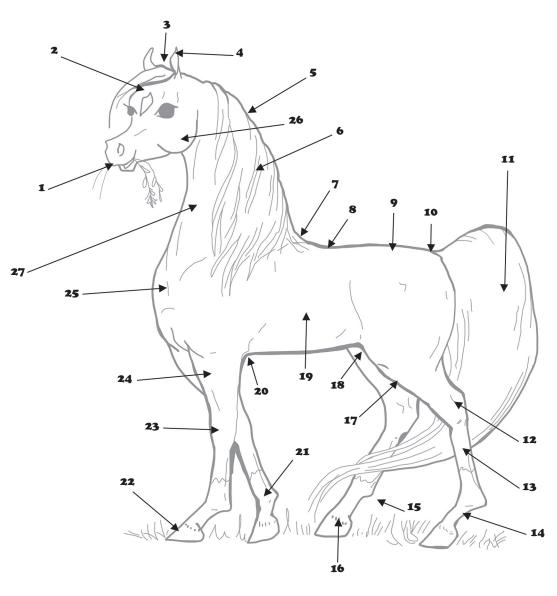
Put the correct number in front of the correct part.



Barrel	Back	Chest	Neck	Chin
Foretop	Coronet (Fore)	Point of Hip	Quarter	Hoof (Fore)
Hock	Ergot	Fetlock (Hind)	Dock	Shoulder
Face	Pole	Mane	Cannon	Buttocks
Fetlock (Fore)	Flank	Elbow	Pastern (Hind)	Forearm
Jaw	Chestnut	Ears	Hoof (Hind)	Loin
Throatlatch	Cannon	Forehead	Chestnut	Withers
Point of	Lower Lip	Gaskin	Abdomen	Crest
Shoulder	Coronet (Hind)	Croup	Stifle	Nostril
Tail	Thigh	Pastern (Fore)	Eyes	
Knee	Arm	Cheek	Muzzle	

# **ANATOMY WORKSHEET**

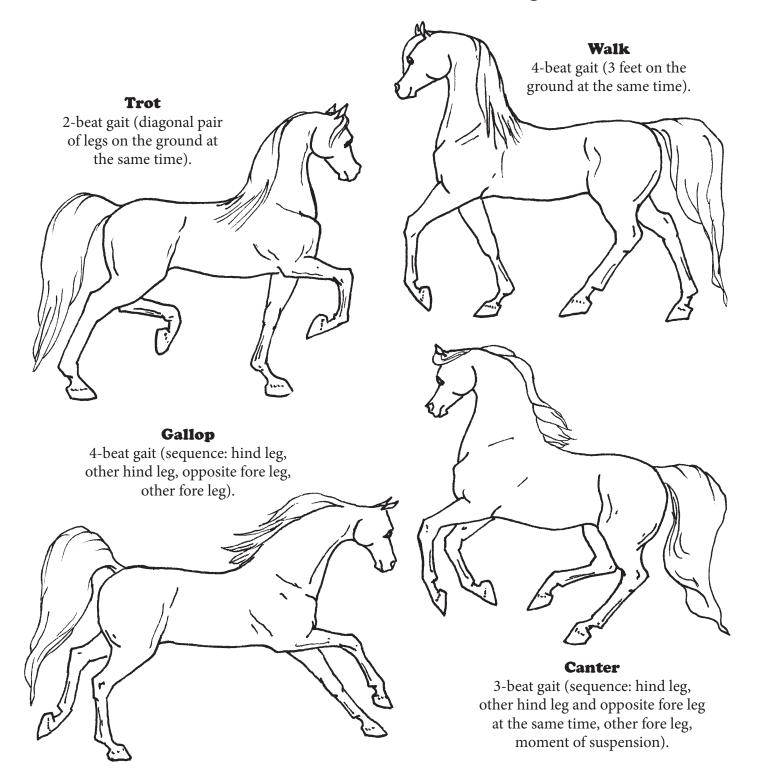
Put the number in the blank in front of the correct term.



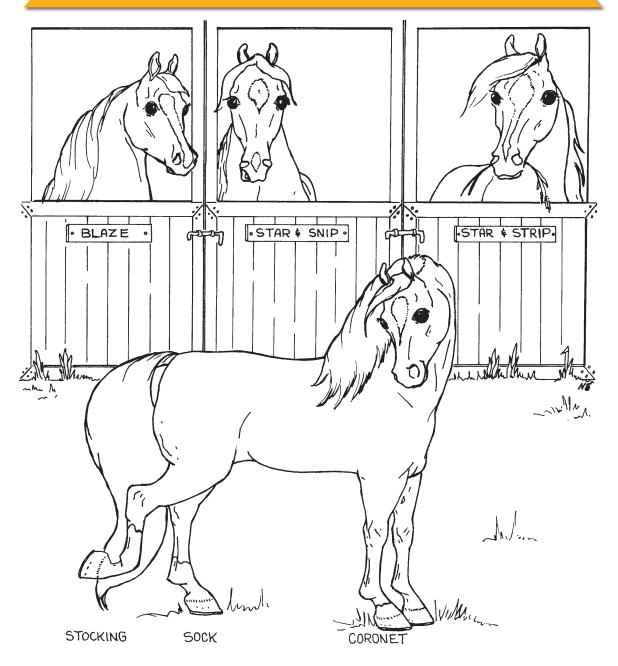
Coronet	Stifle	Dock	Chest
Croup	Crest	Muzzle	Gaskin
Tail	Hock	Pastern	Fetlock
Barrel	Knee	Hoof	Cheek
Elbow	Neck	Pol1	Forearm
Withers	Cannon	Ergot	
Forehead	Ear	Back	

# **GAITS**

### Color these horses in motion. Learn their gaits.



# **MORGAN COLORING AND MARKINGS**



**Color White:** Face Markings (Star; Blaze; Snip; and Strip)

Leg Markings (Stockings; Sock; and Coronet)
Bay (Reddish Body: Black Mane, Tail, Legs)

**Center Horse:** Bay (Reddish Body; Black Mane, Tail, Legs)

**In Barn:** Left Horse: Chestnut (Reddish-Tan)

Center Horse: Black

Right Horse: Brown (Dark Reddish-Brown with Lighter Muzzle)

Morgans are also sometimes palomino, buckskin, or dun.

# **HORSE TERMS**

### **Horse Terms**

**Mare:** A female horse over four years old.

**Stallion:** A mature male horse over four years old. Gelding: A male horse that has been castrated and

cannot breed.

**Foal:** A newborn colt or filly.

**Filly:** A female horse under four years of age. **Colt:** A male horse under four years of age.

**Suckling:** A foal of either sex that is still nursing.

Weanling: A foal of either sex that has been separated from its dam, but not past December 31st of the year born.

**Yearling:** A horse that is one years old. (All horses

have a birthday on January 1st).

**Sire:** The father of a horse. **Dam:** The mother of a horse.

**Pedigree:** A record of the horse's ancestry.

### **More Terms**

Tack: Equipment used in riding and driving horses

(saddle, bridles, etc.).

**Green:** An untrained or inexperienced horse.

**Near Side:** The left side of the horse. **Off Side:** The right side of the horse.

**Conformation:** The build of the horse. The ideal conformation of the Morgan horse is described in "The

Morgan Horse Judging Standards." **Hand:** The way a horse is measured. A hand is four

inches.

### Gaits

Walk: The walk is a slow, flat-footed, four-beat gait.

**Trot (jog):** The trot is a two-beat diagonal gait. **Canter (lope):** The canter is a three-beat gait with suspension.

### **Face Markings**

**Star:** A white marking on the forehead.

**Strip:** A long, thin, vertical white mark running down

the length of the face.

**Blaze:** A wide strip of white down the face. **Snip:** A white mark between the nostrils.

### **Coat Colors**

Chestnut: Reddish brown body with mane and tail basically the same color as the body.

Bay: A reddish brown horse with black mane and tail. The lower legs also are usually black.

**Brown:** The body color is brown or black with lighter areas at the muzzle, eyes and inside of the legs.

**Black:** The body color is a true black without light areas.

Palomino: The body color is a golden yellow. The mane and tail are light colored.

Morgan horses can be several other colors as well, these, however, are the most common horse coat color terms.

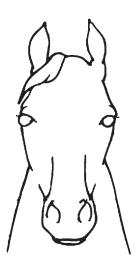
# DRAW THE CORRECT FACE MARKINGS

Morgan horses have many different coat colors. They can be chestnut, brown, bay, black, buckskin, gray, palomino, dun or creme.

Draw the correct face markings on each diagram.

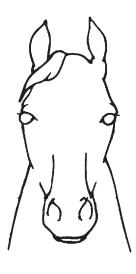
### Star

A white mark on the forehead, located above a line running from eye to eye.



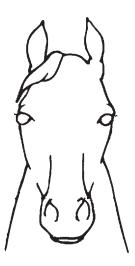
### Snip

A white or flesh mark between the nostrils or on the upper lip.



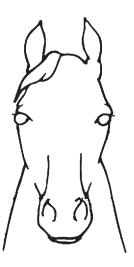
# Strip

A white marking extending from the line of the eyes toward the line running from nostril to nostril.



### Blaze

A wide strip of white down the face.



# DRAW THE CORRECT LEG MARKINGS

Now that you know some of the correct face markings for a Morgan horse, draw the leg markings on each diagram.

Remember the accepted Morgan colors.

### **Coronet**

A white marking extending to 1" above the hoof.



### Sock

A white marking extending to midway on the cannon.



### **Stocking**

A white marking extending above midway on the cannon.



### **Pastern**

A white marking extending to the top of the pastern.



### **Fetlock**

A white marking extending to the top of the fetlock (ankle).



### **Heel**

A white marking found on the back of the foot.

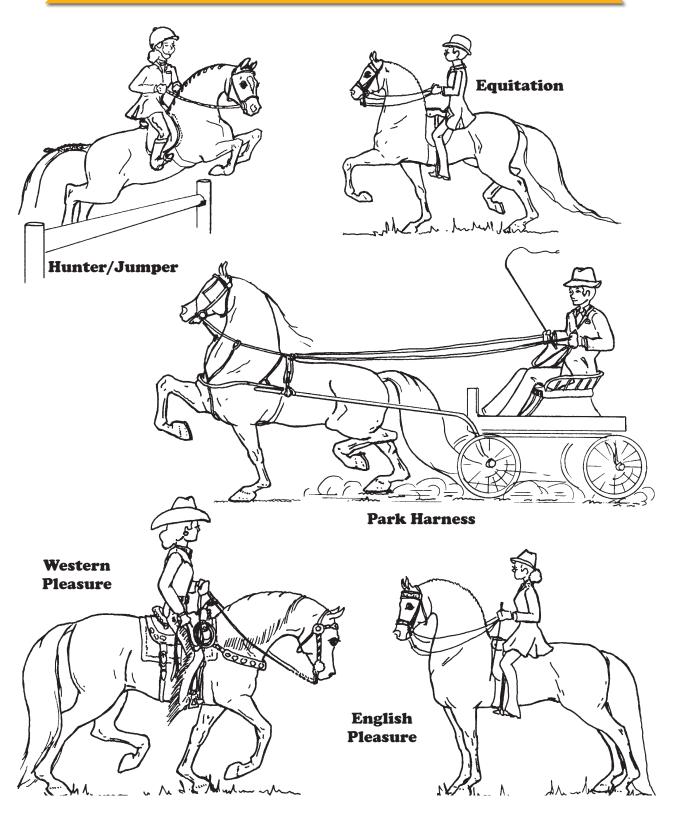


# FIGURE IT OUT

Find the missing terms by unscrambling the words below. Write the words on the blank lines. The circled letters will spell out the mystery name of a breed.

A baby horse is a called a
All horses have feet called
A is a grown up boy horse.
A boy horse is a
A girl horse is a
A is a grown up girl horse.
In a pasture, horses eat
All horses must have to drink.
Baby horses drink
Horses eat their "cereal" called
The and are long hairs on a horse.
Horses see with their
Horses hear with their
The circled letters spell the first American breed
TheN_
G Horse.

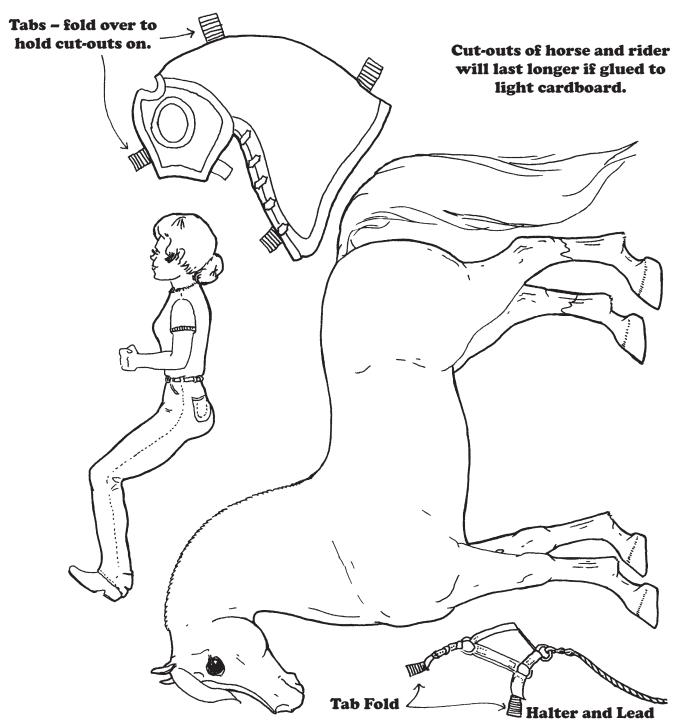
# THE MORGAN IS VERSATILE: HE CAN DO IT ALL!



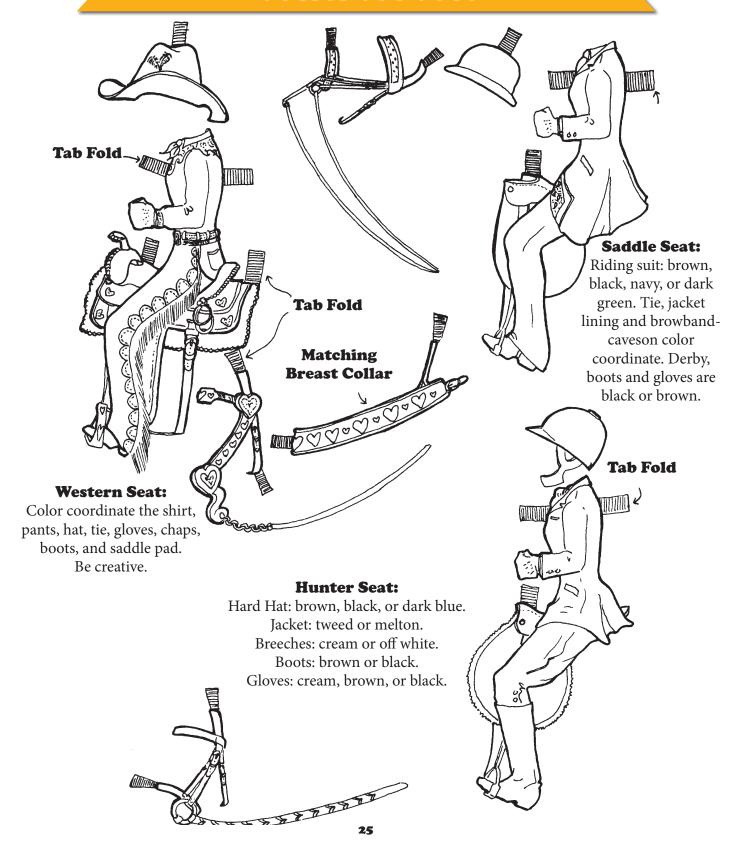
# **MORGAN AND RIDER CUT-OUTS**

You may either trace or cut out the Morgan and rider with their accessories found on pages 24 and 25. Color them your favorite colors.

Use your imagination and create more things for them.

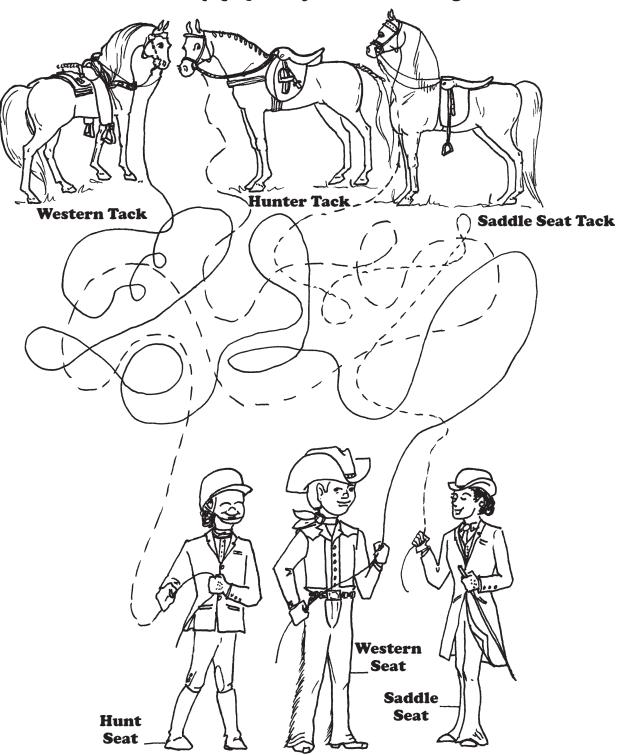


# **OUTFIT CUT-OUTS**



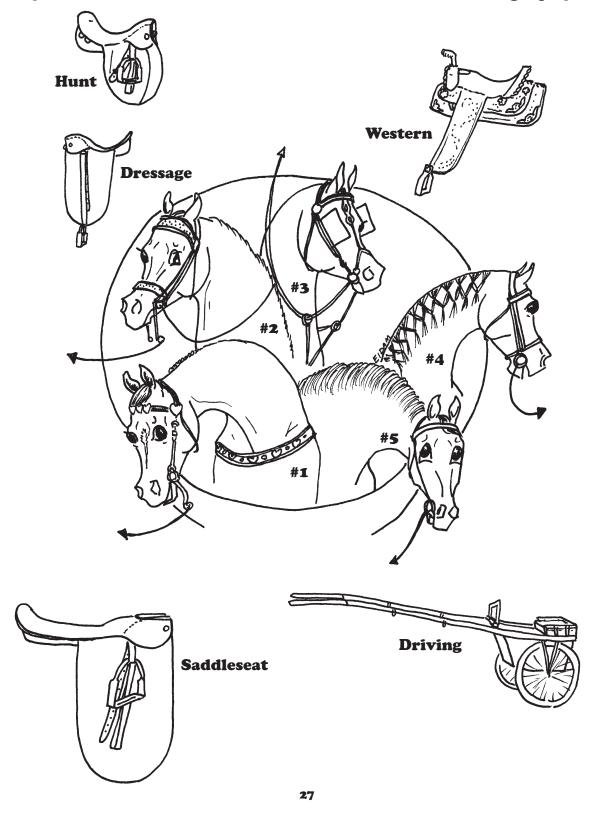
# **UNTANGLE THE REINS MAZE**

Untangle the reins and get each rider with the horse wearing the correct tack (equipment). Color the riding attire.



# **EQUIPMENT MATCH-UP**

Help us find the correct tack — draw a line to the matching equipment.



The entire foot of a horse.

# PARTS OF THE HORSE FILL IN THE BLANKS

How well do you know the parts of a Morgan horse?

Rearrange the letters to find the word which fits the definition.

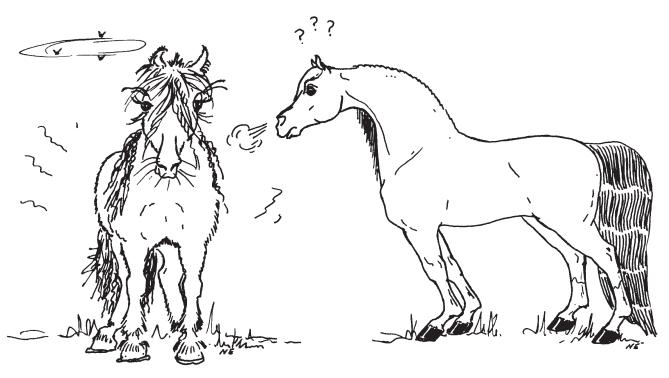
The letters in the circles will fill in the blanks at the bottom of the page!

0	Н	F	0				
Th	e m	idd	le o	f th	e bo	ody, t	etween the forehand and the rear end.
В	L	A	R	E	R		
Th	e u	ppe	r pa	rt d	of th	ne ho	rse's hind limb.
G	S	K	A	I	N		
Th	e 10	ng l	hair	gr	owi	ng fr	om the top sides of the neck.
N	E	A	M				
Th	e hi	ighe	est p	art	of	a hor	se's back.
T	R	W	Н	S	E	I	
Th	е ел	rter	nal	ope	enin	g of a	a horse's nose.
L	R	0	N	S	I	T	
			An	neı	rica	a' M	ost Stylish and Versatile Horse is the

# **GROOMING THE MORGAN**

Find the underscored words below (hold up to mirror for help).

To measure: a "Hand" equals 4 inches. If a Morgan is 15.1 hands,
he is 60 inches plus 1 inch or 61 inches from the ground to his withers.



Take **pride** in keeping your Morgan at his very best. Daily grooming keeps his **coat** healthy and **shiny**. Begin with a **curry** at his poll and work to his hindquarters. Repeat with the body **brush**. Use a soft brush on his long mane and tail being careful not to break any hair. **Clean** his face with a soft **cloth** or sponge. With **clippers**, carefully trim his bridlepath, muzzle, underjaw, fetlocks, and inside of ears. Bathe him in warm water using a lanolin-based **soap**. **Rinse** well! Pick out his feet. Finish with equine **fly** spray. For shows, use special **hoof polish** for the walls of his feet. Lightly **oil** (baby or Vaseline) his muzzle.

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

# **MORGAN WORDSEARCH**

The Morgan is a versatile horse which means they can be found doing many different things.

S	Т	P	Ε	N	G	L		S	Н	J	E	P	D	P
I	Н	U	N	Т	Ε	R	M	L	A	U	K	A	Ε	A
D	Ε	0	Q	A	N	Y	M	0	R	G	A	Ν	D	R
Ε	R	В	W	Ε	S	Т	Ε	R	N	Ε	Т	W	R	A
S	A	P	R	M	C	Z	V	P	Ε	S	N	0	ı	D
A	P	Ε	Y	F	A	G	Ε	S	S	Н	A	P	V	Ε
D	Y	Q	U	R	Н	N	R	W	S	C	0	L	ı	S
D	J	U	M	P	Ε	R	S	S	F	R	1	E	Ν	D
L	U	I	Ε	A	R	0	A	Н	В	F	S	A	G	R
Ε	R	Т	N	В	D	Q	Т	A	I	P	Т	S	U	Ε
R	E	A	S	K	U	I	1	J	P	P	0	U	D	S
S	ı	Т	R	A	I	L	L	Y	R	U	C	R	W	S
Ε	Ν	I	M	N	U	I	1	P	A	R	K	Ε	0	A
Υ	ı	0	Ε	V	E	N	T	I	N	G	Т	R	E	G
F	N	N	S	X	M	Т	Y	P	R	0	D	Ε	0	Ε
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Dressage Harness **Pleasure** Therapy **Driving** Hunter Reining Trail English Jumper Rodeo **Vaulting** Equitation Showmanship Versatility Morgan Parade Sidesaddle Western **Eventing** Friend Park Stock

# **HORSEY CROSSWORD PUZZLE**

Can You Fill In This Morgan's Cooler? Test your horsey knowledge by trying this puzzle. Complete it to the best of your ability.

ACROSS:		DOWN:					
1. A young male horse		2. A tv	vo-beat g	gait			
3. A baby horse		4. Wha	t horse	wears	to keep	warm	
4. Reddish body, black mane an	d tail	7. Aid	worn or	ı boot			
8. Who teaches a horse		8. Wor	d for eq	uipme	nt		
10. To keep your horse healthy, l	ne must	9. The	father o	f a ho	rse		
have regular		11. Figu	ire could	l out _	al	ll other horse	25
12. A small patch of white on the	e <b>muzzle</b>	14. Long	g hair al	ong th	e top of	the neck	
13. Person who takes		16. Wor	d descri	bes di	stinctive	e breed qualit	ties
care of a horse	_	17 Long	g hair at	tache	d to doc	k	
16. Lockjaw		-	•			ck of horse	
18. Baled horse	, ,	<b>23.</b> Arti	icle that	cover	s head a	nd neck	
feed		24. Top					
19. Metal on foot			mont sta				
20. Bucket		_	her of th				
24. Cushion that	\	-	ond plac				
goes under a	1	31. Meta	al moutl	ıpiece			
saddle							
25. Headstall							
with bit			13		14		
28. Adult female	1 2						1
horse			a c	47		04	
30. Singing master's		4	16	17		21	N)
first name	3		18				
1	7		20				IW
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# FIGURE INTRODUCTION LEVEL

# **Requirement Checklist**

	1.	Read Pages 2–14
	2.	Complete Pages 15 & 16
	3.	Read Pages 17–19
	4.	Complete Page 20: Draw the Correct Face Markings
	5.	Complete Page 21: Draw the Correct Leg Markings
	6.	Compete Page 22: Figure it Out
	7.	Color pages 23–25
	8.	Complete page 26: Untangle the Reins Maze
	9.	Complete Page 27: Equipment Match-Up
	10.	Complete Page 28: Parts of the Horse Fill in the Blanks
	11.	Complete Page 29: Grooming the Morgan
	12.	Complete Page 30: Morgan Wordsearch
	13.	Complete Page 31: Horsey Crossword Puzzle
What did y	⁄ou	enjoy most about completing this level?

Please Check the tasks as you complete them and send this Requirement Checklist back to: AMHA, Attn: Nikki Dumas, 4037 Iron Works Parkway, Suite 130, Lexington, KY 40511 Or email to nicole@morganhorse.com.

# **AMHA YOUTH MEMBERSHIP APPLICATION**

Memberships are valid for the calendar year (January 1-December 31).

Must be 21 or under on January 1st of the membership year;

Standard Benefits apply.

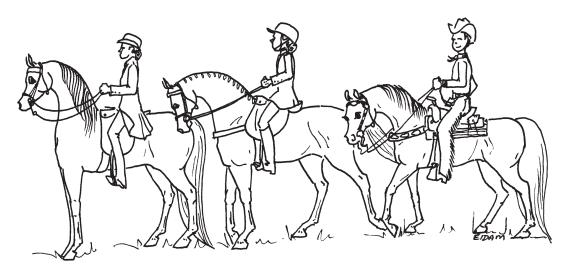
\_\_\_\_\_ I've completed the Figure Level and want to receive a complimentary AMHA Youth membership!

### Name & Contact Information

Name:	
	Date of Birth (required):
Mailing Address:	
	State: Zip Code: Country:
Phone:	E-mail:

# **Please Send Your Completed Form To**

AMHA, Attn: Nikki Dumas, 4037 Iron Works Pkwy, Ste 130, Lexington, KY 40511-8508



### **Standard AMHA Member Benefits**

Showing privileges • Reduced registry fees • Eligible for all AMHA programs (fees may be required) • One-year subscription to *The Morgan Horse* magazine at the member rate of \$30.00 (US 2nd class only) • Voting privileges (for those 18 years and older) Members-Only access to website • Weekly E-news & *The Network* newsletter • Retail & Affinity partner discounts

By submitting this form, I affirm that I will abide by the AMHA Code of Ethics as outlined in Bylaw 2.2 and Bylaw 1.3 (which may be found on the AMHA website). The American Morgan Horse Association, Inc. (AMHA) exists to preserve, promote, and perpetuate the Morgan horse. "The American Morgan Horse Association Inc. recommends and expects that all persons will conduct themselves in an honest, forthright, ethical, and sportsmanlike manner in their relationship with each other at any time they are involved in Morgan horse-related matters."