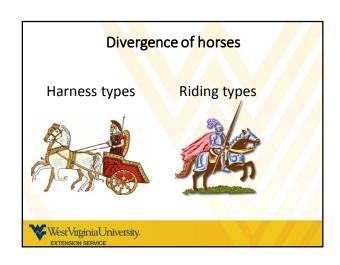
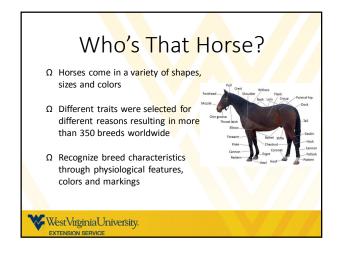


## Horse Domestication

- Horses were first used for food and hides.
- The Horse was domesticated in the Far East by early civilizations about 5,000 years ago (around 3,000 BC)
- Domestication probably occurred when young animals were captured and kept tethered or in pens.
- The nomadic horse-owners realized that a horse could be made to carry goods and equipment.
- The earliest widespread use of domesticated horses was as pack and harness animals.
- The Egyptians and Greeks used horses mainly to pull their chariots.
- The Persians were excellent horsemen and by 500 BC, had a powerful cavalry with horses able to carry heavy armor and weapons.



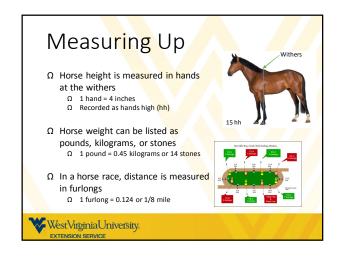


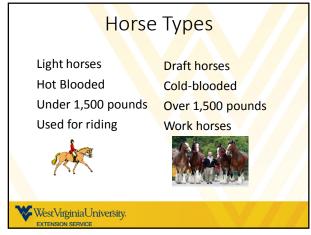


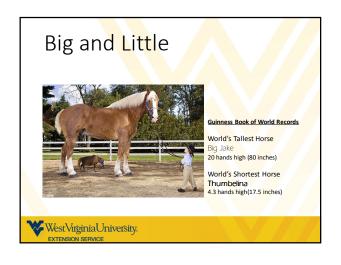


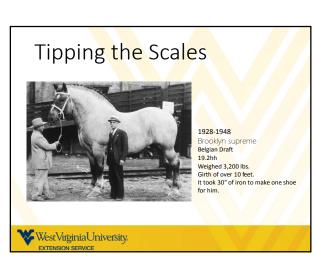


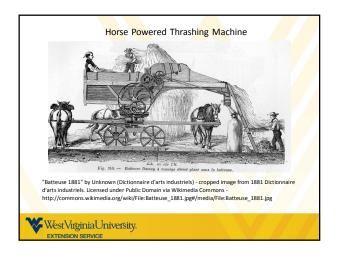






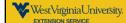






## What is Power?

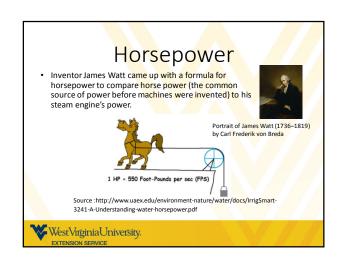
- Power is the rate of doing work
- A measure of how quickly a job can be done
- Calculate power by dividing the work done by the time it takes to do it.
- The unit is foot-lbs/second.

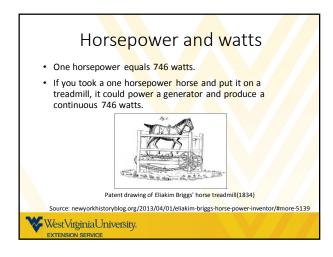


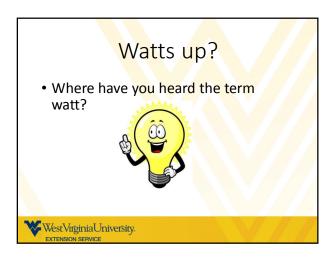
## What is Horsepower?

- Horsepower is a unit of power
- Power has units of energy per unit time (P=W/t)
- Power is measured in watts
- Watts is one joule of work done in one second

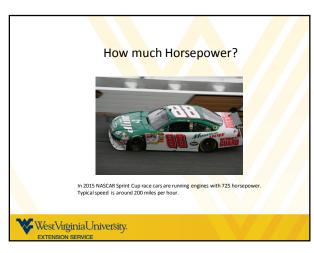


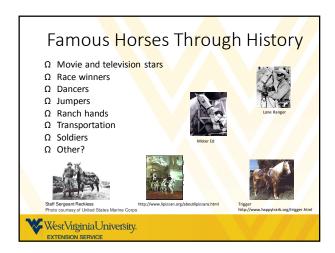






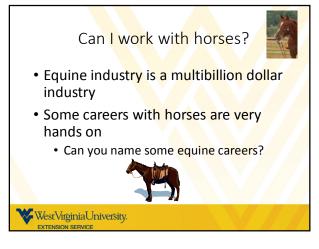












# How can I gain experience? What are your skills? What do you like to do? Have you owned a horse? What experience do you have?

## So you want to be a Jockey

- Must be 5 foot 5 or shorter
- Must weigh between 100 and 115 pounds
- · Must meet the physical demands of being a jockey
- Earn a per mount fee (\$30 \$100)
- May earn more if horse wins, shows, or places (1<sup>st</sup>,2<sup>nd</sup>, or 3<sup>rd</sup>) in the race
- The North American Racing Academy (NARA) offers the only college degree earning opportunity for jockeys in the U.S.
- Can be a very dangerous career at risk with every ride/race



### So you want to be a Veterinarian



WestVirginiaUniversity.

Dr. Christyn Wood Nicholson, Poultry Specialist with USD APHIS Veterinary Services - See more at: http://blogs.usda.gov/2011/07/28/dr-chrislyn-woodnicholson-on-world-veterinary-year-2011/#sthsp.idgm.ydc (duf.

- Need to study by taking mathematics, chemistry, biology and physics courses in middle and high school
- Earn an Undergraduate Degree in biological and physical sciences or a Veterinary and Biomedical Sciences Program while maintaining good grades
- Apply to Veterinary schools
- Spend another 4 years in Veterinary school (more if you want to specialize).

**W**estVirginiaUniversity.

# Jobs about horses without direct contact with them

- Equine nutrition
- Equine publications
- Equine organizations
- Racetrack workers
- Others







