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To only allow the cookies that make the site work, click 'Use essential cookies only.' Visit 'Set cookie preferences' to control specific cookies. Set cookie preferences Horse height conversion: 1 hand = 4 inches = 10.2 cm A horse's height can be measured using either the hands unit or centimeters. Breeders from the United States, Canada, and England commonly use hands to measure their horses; other locations use the metric system. A hand is equivalent to 4 inches, and breeders who measure the horse in centimeters have to convert the measurement into inches then divide it by four to get the number of hands. Before you can measure your horse accurately, you have to own the proper tools for measuring. There are the following: Bridle or a halter and lead rope Height measuring stick (order from a horse supply store) or measuring tape. Let's move on to the steps you need to take to measure your horse... Lead your horse into an even flat surface. With your halter and lead rope or bridle, hold your horse steady and make sure that it is standing squarely on all feet. To determine if your horse is standing straight, check the hooves to make sure they are not spread too far apart or too close together. The hooves should be as wide as the horse's shoulder area. You will get more accurate measurements this way. Here are some examples of incorrect and correct hoof placement for measuring height on your horse. In this picture, this mare's feet are too far apart to get an accurate height measurement. If she were to be measured standing like this, her height may come out shorter than what she actually is. Sometimes the difference can even be a couple of inches. This horse might measure shorter than it actually is because her feet are spread too far apart. This is the opposite problem. In this picture the mare has her feet too close together to be accurately measured. In this case, she might measure taller than she actually is. This is a much better position for measuring height for this mare. It isn't perfect but it should still result in a fairly accurate measurement. Each foot is evenly spaced and not spread too far apart or too close together. Of the three pictures of this horse, this is the better position for height measurement. Legs are evenly spaced and not too far apart or too close together. This is a better position for measuring horse height. This mare back leg is almost perfectly aligned and in the correct position. To make this perfect, her right front leg would need to come forward to match the left front leg. In any case, you would be able to get a fairly accurate height measurement with the horse standing in this position. Better Position for measuring height: Horse's height gets measured from the ground to the horse's withers. A horse's withers is the intersection where the shoulders meet at the neck. This is the next highest point of a horse after its head. You place the end of measuring stick on the ground and then lower the bar until it touches the horse's withers. Many measuring devices can be used to measure a horse, but the most accurate one to use is the height measuring stick. A measuring tape can be used by holding it perpendicular to the ground, beside the horse and measuring up to the horse's withers. If you are unable to get a hold of a proper height stick, you can go ahead and use some twine and use something substantial to hold the twine steady. Use that to measure the horse and mark the cord where it meets the horse's withers then you measure the length of the cord all up to the marked spot. There are cases where horses get spooked by looking at a measuring stick or by the sound a metal stick makes. Remember you have to move slowly and carefully during this time. For horses that haven't been measured before, it may be good to introduce the measuring stick in a more confined space like a round pen or large stall. Getting the horse ready to be measured Once the horse is accustomed to the sound of the stick, position the horse's feet as best you can and take a measurement. When you are first learning how to measure a horse it can be good to move the horse around a couple of times and take a few different measurements. Here you can see that this horse measures 14.2 hands high. To get an idea of how tall that is for a horse, I am 5' 11" tall. This particular height stick has a level so you know when it is properly placed. Once you've measured your horse's height, you then need to convert your measurements accordingly. If your measurements are already in hands, then you can write down your size on your horse's chart with the notation "hh," which stands for "hands hh." After converting, you now have the measurement of your horse and can safely determine if it is growing accordingly or needs some help. You also need to consider the last time your horse got shed because it can add to the height measurement of the horse. You can convert your measurements from meters to hands using this convenient height chart. Convert your horse's height from inches, feet, meters (or centimeters) to hands. Quick and easy reference guide. Great for pony club or to hang in the stable as a reference. Sign up to our newsletter below to download your copy! It is good practice measuring a horse's height. The more you get used to positioning horses and using your measuring instrument, the more accurate your measurements will get. A great way to practice is to grab two or three friends and each of you measure a couple different horses and compare your measurements. That way you will get an idea of how measurements can differ and work together to find a technique that works best to measure your horse's height. If you are looking for some more awesome horse articles, you may find these helpful: The height of a horse is measured in hands, and 1 hand is equal to 4 inches. The measurement should be taken from the ground vertically to the highest point of a horse's withers. However, there may be times when you need to know the corresponding measurement in meters, feet, or inches. The table below will convert the height of your horse into both metric and imperial measurements in hands, feet, inches, and centimeters. One hand is equivalent to four inches which means it's fairly simple to work out the number of inches yourself. If you don't have the conversion table handy, you can use this calculation: 4 x WH + FH = number of inches WH is the number of whole hands and FH is any fraction of a hand. Here's how this would work in an example: 14.2 hands (4 x 14 + 56 + 2 = 58 inches) Here is the height conversion chart for hands, feet, inches, and centimeters: Horses are measured in hands because it is a traditional unit of measurement that has been used for centuries. The hand is thought to have originated with the Ancient Greeks, and has been used in various cultures around the world to measure length, height, and volume. In the horse world, a hand is equal to 4 inches. Horses are measured from the ground to the highest point of the withers, which is the ridge between the shoulder blades. To measure a horse's height, a measuring stick is placed vertically on the ground next to the horse's withers, and the height is read off the stick in hands. There are several reasons why horses are still measured in hands today. First, it is a very accurate unit of measurement. A hand is equal to 4 inches, which is a small enough increment to allow for very precise measurements. Second, it is a traditional unit of measurement that has been used for centuries, and horse people are comfortable with it. Finally, it is a convenient unit of measurement to use when buying and selling horses. Horse buyers and sellers can easily compare the heights of different horses by simply looking at their hand measurements. Here are some additional reasons why horses are measured in hands: It is a quick and easy way to measure a horse's height, especially in the field. It is a more precise measurement than using inches or centimeters, as horses do not grow in even increments. It is a universal unit of measurement that is used by horse people all over the world. While the metric system is now the standard unit of measurement in most countries, the hand remains the preferred unit of measurement for horses. This is likely due to the fact that it is a traditional unit of measurement that is well-established in the horse world. Fun Fact: The tallest horse ever, a Shire called Sampson, was 21.25 hands! Published by Jennifer Webster on November 28, 202256 inches Horse height Fun Facts Hands Inches (mm) Horse 16 hands 64 inches (1.63 m) 16.2 hands 66 inches (1.68 m) 17 hands 68 inches (1.73 m) What does 16.2 mean for a horse? Equine Size Chart DESCRIPTION HANDS INCHES HORSE 15.2 H 62.64 inches 16 H 64.66 inches 16.2 H 66.68 inches 17 H 68.70 inches How many feet high is 16 hands? Here is the height conversion chart for hands, feet, inches, and centimeters: Hands Inches Feet 16.64 58 16.1 57.5 16.5 58 16.2 58.6 16.3 59 16.4 59.4 16.5 59.8 16.6 60.2 16.7 60.6 16.8 61 16.9 61.4 17 61.8 17.1 62.2 17.2 62.6 17.3 63 17.4 63.4 17.5 63.8 17.6 64.2 17.7 64.6 17.8 65 17.9 65.4 18 65.8 18.1 66.2 18.2 66.6 18.3 67 18.4 67.4 18.5 67.8 18.6 68.2 18.7 68.6 18.8 69 18.9 69.4 19 69.8 19.1 70.2 19.2 70.6 19.3 71 19.4 71.4 19.5 71.8 19.6 72.2 19.7 72.6 19.8 73 19.9 73.4 20 73.8 20.1 74.2 20.2 74.6 20.3 75 20.4 75.4 20.5 75.8 20.6 76.2 20.7 76.6 20.8 77 20.9 77.4 21 77.8 21.1 78.2 21.2 78.6 21.3 79 21.4 79.4 21.5 79.8 21.6 80.2 21.7 80.6 21.8 81 21.9 81.4 22 81.8 22.1 82.2 22.2 82.6 22.3 83 22.4 83.4 22.5 83.8 22.6 84.2 22.7 84.6 22.8 85 22.9 85.4 23 85.8 23.1 86.2 23.2 86.6 23.3 87 23.4 87.4 23.5 87.8 23.6 88.2 23.7 88.6 23.8 89 23.9 89.4 24 89.8 24.1 90.2 24.2 90.6 24.3 91 24.4 91.4 24.5 91.8 24.6 92.2 24.7 92.6 24.8 93 24.9 93.4 25 93.8 25.1 94.2 25.2 94.6 25.3 95 25.4 95.4 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