

Question #3

Due: November 28<sup>th</sup>



**Captain Kirk is traveling with a cowboy, an alien, and a horse. Captain Kirk must keep the peace between everybody, since the cowboy will attack the alien if the two are left alone, and the alien will eat the horse if those two are left alone, but the horse and the cowboy get along.**

**However, they must take a 2-person escape pod from their ship to the moon. Captain Kirk must always drive the pod, so he can carry only himself and one other thing. How can the group get to the moon in a way that ensures the safety of all travelers (meaning, how can they travel in pairs without the cowboy and alien alone together or the alien and horse alone together)? The pod can return to the ship and make as many trips as needed between the ship and the moon.**