

Name _____

Set Construction - Wagons Resource Sheet

A lot of the time, scenery has to moved on and off stage on platforms that have _____ or _____ underneath the platforms. These castered platforms are called _____.

First, decide the path your wagons are going to move. There are some wagons that go on stage in a _____ line and come off along the same path. Others are meant to only turn in a _____. Those are called _____. For either of these types of wagons you need to buy _____. The only part of rigid casters that turns is the _____.

If your wagon has to maneuver in several different directions on stage, you need _____, which will turn 360 degrees in addition to the wheels turning.

Make sure you keep the casters close to, but not touching the wagon's 2x4 _____. Too close to the edge and the casters won't _____, and too far inside the wagon and the wagon may _____ when actors step on the very edge of a wagon.

Install casters using _____ that are just long enough to go through the plywood top of a wagon and the caster base, and add _____ inch to allow for the washer and hex nut to be installed. Mark where the bolts will go through the plywood and make sure you _____ the caster before you drill. If you don't, the caster can spin and cause a pretty serious injury. If the wagon is going to take a lot of weight, it's a good idea to add _____ braces running from one side of the wagon to the other, and add _____ inch to the length of the carriage bolts. In either case, make sure the hex nuts are _____.