BACKGROUND: I created this video to demonstrate how to solve a tricky problem, for a handyman magazine's website. The script is tightly tied to the visuals in the video, at https://www.youtube.com/watch?v=AWVSft4dG w

## HOW TO HAUL HEAVY STUFF UPHILL

Suppose you need to get a bunch of dirt or bricks or other heavy stuff up a steep hill. There's no way to get equipment up there, and you really do not want to be staggering around up there carrying that stuff on your shoulders. How you do it?

Here's a way to do it that requires only two plastic cement mixing tubs, a really long rope, and a couple of guys -- who are not me.

First, put the two tubs together to form a suitcase. Call either short side of the suitcase the back. Drill half-inch holes through both lips at the same time so they line up: two in the back lip, three in each side lip, and none in the front lip.

Now for the rope. Say you need to haul the dirt up 100 feet. Get a quarter-inch rope about 240 feet long -- double the hauling distance, plus plenty of slop. Lay the rope out in a long $U$ shape, then start threading it through the two rear holes and the two holes on each side. Keep each side identical. You want to wind up with two equal lengths of rope extending out from the front of the suitcase.

To minimize tangles, tie the ends of the rope together.
Now we get down to business. Open the suitcase from the front and dump in your dirt or rocks or whatever. Then just start pulling the rope. The suitcase will close itself and slide smoothly up the hill.

One last tip: Hauling will be a little easier if the last stitch of rope coming out the front of the suitcase is pointing toward the ground. That way when you pull, you will be lifting the front slightly up.

