

# A pile of gold

You come to a pile of abandoned dirt with gold dust mixed in it. Several containers are left sitting on the ground. If you can carry only one bucket, which one would you choose? There is also a scoop to help you fill up your bucket. How many scoops would it take to fill your bucket? How many times larger is your bucket than your scoop? Next, you need to hide the gold laden dirt in your car in a box with the smallest amount of surface area as possible. What would be the dimensions of this box (to the nearest whole number of inches)?

