

NASA: Survival on the Moon

Name _____ Date _____ Period _____

You are a member of a space crew originally scheduled to rendezvous with a mother ship on the lighted surface of the moon. However, due to mechanical difficulties, your ship was forced to land at a spot some 200 miles from the rendezvous point. During reentry and landing, much of the equipment aboard was damaged and, since survival depends on reaching the mother ship, the most critical items available must be chosen for the 200-mile trip. Below are listed the 15 items left intact and undamaged after landing. Your task is to rank order them in terms of their importance for your crew in allowing them to reach the rendezvous point. Place the number 1 by the most important item, the number 2 by the second most important, and so on through number 15 for the least important. **Remember to explain your rank.**

_____ Box of matches _____

_____ Food concentrate _____

_____ 50 feet of nylon rope _____

_____ Parachute silk _____

_____ Portable heating unit _____

_____ Two .45 caliber pistols _____

_____ One case of dehydrated milk _____

_____ Two 100 lb. tanks of oxygen _____

_____ Stellar map _____

_____ Self-inflating life raft _____

_____ Magnetic compass _____

_____ 5 gallons of water _____

_____ Signal flares _____

_____ First aid kit, including injection needle _____

_____ Solar-powered FM receiver-transmitter _____