

NASA Exercise: Survival on the Moon

Scenario:

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** to the least important.

Your Ranking

NASA Ranking

- _____ 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 _____
- _____ 20 liters of water _____
- _____ Signal flares _____
- _____ First aid kit, including injection needles _____
- _____ Solar-powered FM receiver-transmitter _____