



NASA EXERCISE

SURVIVAL ON THE MOON

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 re-entry 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.

Your Ranking (1 most important, 15 least important)	Item/s	NASA Ranking (when answers are given)
	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 litres of water	
	Signal flares	
	First aid kit, including injection needle	
	Solar-powered FM receiver-transmitter	