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 for the least important.
Your Ranking / NASA Ranking - TEAM __________________________

______ 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 ______

TOTAL ____________________________