
















CIVICS SURVIVOR **Could You Lead a Survivor Team? - Space Survival Simulation**

Scenario:

You are a member of a space crew originally scheduled to rendezvous with a mother ship on the lit surface of the moon, not the dark side of the moon. Due to mechanical difficulties, however, your ship was forced to land at a spot some 300 kilometers from the rendezvous point. During re-entry and landing, much of the equipment aboard your spacecraft was damaged. Your survival depends on reaching the mother ship, and you must make crucial decisions about which items available are the most critical to be chosen for the 300-kilometer trip. After you undertake this exercise you will be able to compare your own results with the final decisions made by NASA experts.

There are a total of 15 items left intact and undamaged after landing. Your task is to rank them in terms of their necessity to you and your crew in reaching the rendezvous point. You will place the number 1 beside the most crucial item, the number 2 beside the second most crucial, and so on through number 15, the least important item. Once you have completed your choices, the final answers selected by the team of NASA experts will appear. You can compare your selections with theirs to determine your crew's prospects for survival with you as the leader.

 <p>Magnetic Compass RANK? _____</p>	 <p>Map of Moon's Constellations RANK? _____</p>	 <p>Case of Dehydrated Milk. RANK? _____</p>	 <p>Signal Flares RANK? _____</p>	 <p>Solar powered radio transmitter – receiver RANK? _____</p>
 <p>Case of Food Concentrate RANK? _____</p>	 <p>Self-inflating Life Raft RANK? _____</p>	 <p>Box of Matches RANK? _____</p>	 <p>Two 50kg Oxygen Tanks RANK? _____</p>	 <p>Two .45 Caliber Pistols RANK? _____</p>
 <p>First Aid Kit Including Needles RANK? _____</p>	 <p>Portable Heating Unit RANK? _____</p>	 <p>50 ft. Nylon Rope RANK? _____</p>	 <p>Parachute Silk RANK? _____</p>	 <p>Five Gallons of Water RANK? _____</p>

NASA's Rankings on next page.....

1. Oxygen – need it to live, even more than water
2. Water – need it to live
3. Map – no hope without a map
4. Food Concentrate – another basic need, it's a long journey
5. Radio – helpful to communicate with home base or send SOS signal
6. Rope – to tie things, drag them
7. First Aid – may be helpful
8. Silk – keep the sun off you, without an atmosphere the sun is very dangerous
9. Life Raft – use CO₂ to propel you
10. Flares – last ditch rescue is near home base
11. Pistol – make little rockets from propellant?
12. Milk – might be useful
13. Heater – you're on the lit side of the moon so it's warm all the time
14. Compass – no magnetic poles on the moon, useless
15. Matches – cannot work without Oxygen in atmosphere