

Name \_\_\_\_\_

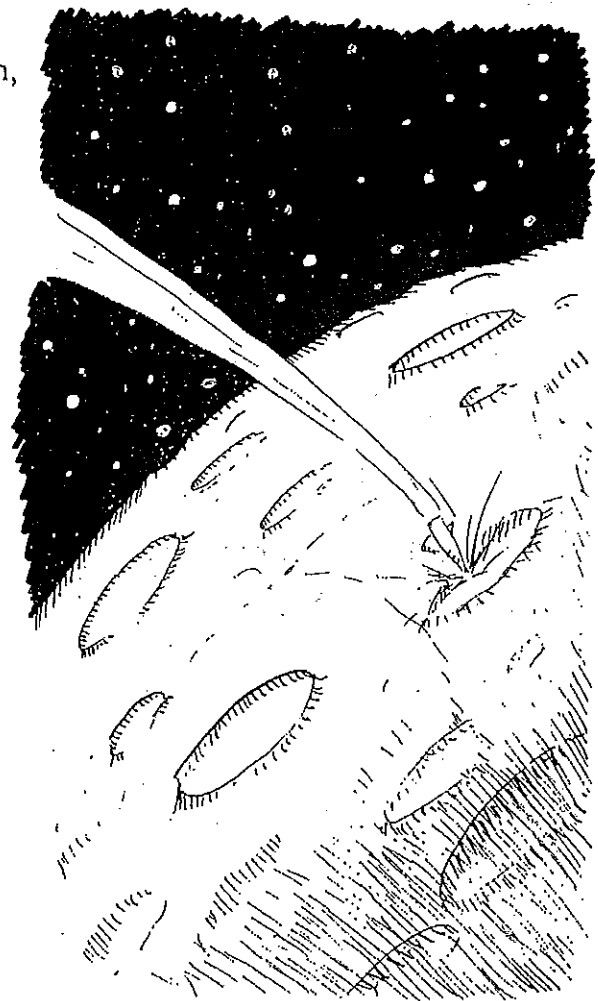
## LOST ON THE SIXTH MOON OF THE JUSTINIAN SYSTEM

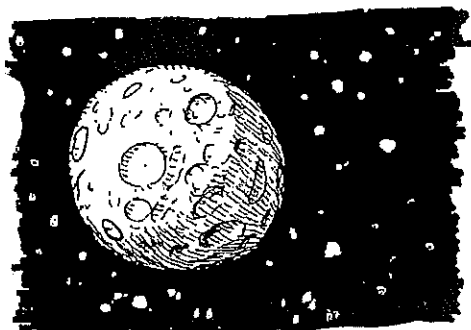
You are a crew member of the spaceship *Reluctant*. Your mission has been to search for life forms in space and to return safely to Earth. This mission has been jeopardized because of problems with cooling systems in your spaceship. You have been forced to land 175 miles from your space station, which is on the lighted surface of this moon. Because of a difficult landing, your crew has been forced to evacuate quickly. Moments after the evacuation, an explosion destroyed most of the contents of your spaceship. All that remain are the 15 items listed below:

Your crew's survival depends on reaching the space station. You must choose the most important items from the surviving gear, those which will have the most value in reaching the space station.

Place a number 1 alongside the most important item, number 2 by the second most important, and so on through number 15, the least important.

- A. \_\_\_\_\_ A cigarette lighter
- B. \_\_\_\_\_ Concentrated food
- C. \_\_\_\_\_ 60 feet of nylon rope
- D. \_\_\_\_\_ Signal flares
- E. \_\_\_\_\_ A magnetic compass
- F. \_\_\_\_\_ Six 50-pound tanks of oxygen
- G. \_\_\_\_\_ A case of canned milk
- H. \_\_\_\_\_ Parachute silk
- I. \_\_\_\_\_ A solar-powered heating unit
- J. \_\_\_\_\_ A 357 magnum pistol
- K. \_\_\_\_\_ A map of this moon
- L. \_\_\_\_\_ A self-inflating life raft
- M. \_\_\_\_\_ 5 gallons of water
- N. \_\_\_\_\_ First-aid kit
- O. \_\_\_\_\_ Solar-powered FM two-way radio





Name \_\_\_\_\_

## TALLY SHEET

Instructions: Each group shall meet and discuss their rankings. It shall be the responsibility of each team to arrive at a "team" response. This can be done by discussing each item and voting for the most appropriate choice. Some individuals may wish to justify their choices prior to each vote. Enter the team choice in the Team column.

|  | You      | Team  | Expert | You/Expert | Team/Expert |
|--|----------|-------|--------|------------|-------------|
| A. A cigarette lighter                         | A. _____ | _____ | _____  | _____      | _____       |
| B. Concentrated food                           | B. _____ | _____ | _____  | _____      | _____       |
| C. 60 feet of nylon rope                       | C. _____ | _____ | _____  | _____      | _____       |
| D. Signal flares                               | D. _____ | _____ | _____  | _____      | _____       |
| E. A magnetic compass                          | E. _____ | _____ | _____  | _____      | _____       |
| F. Six 50-pound tanks of oxygen                | F. _____ | _____ | _____  | _____      | _____       |
| G. A case of <sup>canned</sup> dehydrated milk | G. _____ | _____ | _____  | _____      | _____       |
| H. Parachute silk                              | H. _____ | _____ | _____  | _____      | _____       |
| I. A solar-powered heating unit                | I. _____ | _____ | _____  | _____      | _____       |
| J. A 357 magnum pistol                         | J. _____ | _____ | _____  | _____      | _____       |
| K. A map of this moon                          | K. _____ | _____ | _____  | _____      | _____       |
| L. A self-inflating life raft                  | L. _____ | _____ | _____  | _____      | _____       |
| M. 5 gallons of water                          | M. _____ | _____ | _____  | _____      | _____       |
| N. First-aid kit                               | N. _____ | _____ | _____  | _____      | _____       |
| O. Solar-powered FM two-way radio              | O. _____ | _____ | _____  | _____      | _____       |

TOTAL



### DISASTER POINTS:

Disaster points are the differences in your (team) score and the expert's. To calculate your chances of survival

- Enter the expert's score shown on the next handout. Review the expert explanations.
- Compare the numerical difference between your ranking and the expert's ranking for each item.
- Write the difference in the You/Expert column on the appropriate line. (For example, if you ranked something a 5 and the expert rated it a 9, you have 4 disaster points.)
- Total the last two columns. This represents your total disaster score and that of your team.