## SNC1P/1D Name:

**MOON CRASH!**

# Scenario:

“Your spaceship has crashed on the surface of the moon. The ship is disabled, the radio is broken, and the nearest base is 50 km away. You and your crew must get to the base with no outside help.”

# Moon Facts:

|  |  |  |
| --- | --- | --- |
|  | distance from earth |  |
| diameter |  |
| atmospheric pressure |  |
| temperature |  |
| weather |  |
| gravity |  |
| organisms |  |
| oxygen available |  |
| surface features |  |

## **Emergency Supplies**: (rank 1 to 15 in order of importance, 1 = most important, 15 = least important)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Items | Your Ranking | NASA Ranking | Deviation – take big number minus small number in the row |
| box of matches |  |  |  |
| food concentrate |  |  | ***Computing deviation:*** *If the NASA rank was “8” and your rank was “3,” the* ***DM*** *deviation is* ***5****. Total the overall deviation column to reveal how successful you were (the lower the sum of the deviations the more likely you are to survive).* |
| 50-ft nylon rope |  |  |  |
| parachute |  |  |  |
| portable heating unit |  |  |  |
| .45 caliber pistol |  |  |  |
| case of dehydrated milk |  |  |  |
| (2) 100 lb. tanks of oxygen |  |  |  |
| moon constellation map |  |  |  |
| self-inflating life raft |  |  |  |
| magnetic compass |  |  |  |
| 5 gallons of water |  |  |  |
| self-igniting signal with flares |  |  |  |
| first-aid kit |  |  |  |
| solar-powered FM transceiver |  |  |  |
|  TOTAL 🡪 |  |