

Moonshine?

There are two explanations for why the Moon shines.

Theories

Theory 1: The Moon shines like the Sun, of its own accord because it is hot.

Theory 2: The Moon shines because it reflects sunlight like a mirror.

Task

Your task is to consider the following evidence and decide whether it supports:

- Theory 1,
- Theory 2,
- Both theories,
- Neither theory.

Evidence

A. The Moon cannot be seen in the day
B. Not all of the Moon is visible all of the time
C. Men have landed on the Moon
D. A full Moon provides enough light to see by when it is dark
E. You can see craters on the Moon
F. Any hot object giving out light will have a surface temperature in excess of 3000 centigrade