

# Building a Base on the Moon

<https://www.youtube.com/watch?v=iXG9voQnw0E>

## True (T) or False (F)

1. A moon base could be used as a refueling station for missions to Mars. \_\_\_\_\_
2. According to NASA, it would take 30 years to build a base on the Moon. \_\_\_\_\_
3. It would cost around USD \$10 Billion to build a temporary base on the Moon. \_\_\_\_\_
4. Building a habitat on the Moon is doable thanks, in part, to 3D printing and robotics. \_\_\_\_\_
5. Researchers propose to set up the base near the Moon's north pole. \_\_\_\_\_
6. First, we'd drop the construction equipment and then we send rovers to scout. \_\_\_\_\_
7. The lunar habitat should be something inflatable. \_\_\_\_\_

## Answer the questions about the video:

### 1. What important event regarding a Moon base took place in August 2014?

- a. The first mission to create a Moon base was executed.
- b. The ESA developed a set of plans to build a Moon base.
- c. Steve Jurvetson organized a workshop with 50 space scientists.

### 2. Why does the video mention housing, food, air and water?

- a. To exemplify the cost of transporting supplies from Earth to the Moon.
- b. To state what the Moon astronauts would need to farm to survive on the Moon.
- c. To show the importance of a good diet to become an astronaut.

### 3. Why do researchers think the base should be located on the north pole?

- a. It's easier to access the Moon there when travelling from Earth.
- b. It has constant sunlight unlike the other sides of the Moon.
- c. There is not so much sun radiation and Moon dust there.