# 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.

LIVEWORKSHEETS