

Name:

Date:

Period:

Movie – “For All Mankind”

Instructions:

- After seeing the movie in 2D write a paper.
- Your word processed paper must be at **minimum** 2 – 3 pages, double spaced, and spell checked. Use good writing skills and grammar.
- Outline the movie: What was the movie about? Quickly outline the story from beginning to end. (Don't worry about a “spoiler alert,” you're not spoiling it for me, since I've already seen the movie multiple times.)

Great help and resources:

https://en.wikipedia.org/wiki/For_All_Mankind

***For All Mankind* - English Transcript**

All about the NASA Apollo program going to the Moon ...

“Al Reinert's documentary *For All Mankind* is the story of the twenty-four men who traveled to the moon, told in their words, in their voices, using the images of their experiences. Forty years after the first moon landing, it remains the most radical, visually dazzling work of cinema yet made about this earthshaking event.”

<http://www.allreadable.com/mv1df69ITKY>

Specific Questions about the movie:

- 1) What US President commissioned America to go to the Moon?
- 2) As you watch the DVD, list all evidences that indicate we went to the Moon:
- 3) How many days did it take the Apollo astronauts to go to the Moon?

- 4) As you watch the DVD, list *possible* evidences that indicate that we may not have gone to the Moon:
- 5) Are you personally a believer that we went to the Moon? Explain why you think so ...

Or

Are you personally a skeptic (a non-believer) that we went to the Moon? Explain why you think so ...

- 6) What do you think regarding the detailed dream sequence that the one "Moonwalker" had as he slept on the Moon in the Lunar Lander? What does his dream mean to you? (speculate)
- 7) Had someone already been to the Moon before we got there? What do you think?
- 8) How did the Apollo astronauts get back to Earth?
- 9) What famous music artist did the soundtrack to this movie -- "For All Mankind"?
(By the way, you can purchase this CD soundtrack on Amazon. Very cool!!)
- 10) Who is the director of this famous movie/documentary, a movie that has won numerous awards, that highlights the NASA Apollo space program?
- 11) How many successful NASA Apollo missions landed on the Moon? How many total "Moonwalker" Astronauts were there?
- 12) How many "Moonwalker" Apollo Astronauts are still living today and what are their names?
- 13) Where are the 382.0kg of Lunar rocks brought back to Earth by the NASA Apollo "Moonwalker" Astronauts kept safe? Where are these Lunar rocks stored? (Hint: Wikipedia – "Moon Rock," also Wikipedia – "Lunar Sample Laboratory Facility")

- 14) The Apollo Lunar rocks have been valued at \$15,800.00/g in a court of Federal Law. Calculate what the total monetary value of the total 382.0kg of Lunar rocks brought back to Earth by the NASA Apollo "Moonwalker" Astronauts. (By the way, these are by far the USA's most valuable treasure.) Do the calculations, the conversions, using unit analysis. Show all your work:
- 15) The Moon on average is 240,000.0 miles from Earth. It took the NASA Apollo Astronauts about 3 days to get to the Moon from Earth. What was the approximate average speed or velocity in mph (miles/hour) that the Apollo Lunar Command module was traveling? (By the way, Apollo 10 Lunar Command Module upon re-entry to Earth on May 26, 1969, achieved a speed up to 24,791 miles per hour! This is the fastest man has ever traveled as far as we publically know.)
- 16) The escape velocity from Earth (the speed or velocity a satellite or rocket has to achieve to leave Earth), is $8.0\text{km/s} = 8000.0\text{m/s}$. What is this speed in miles/hour (aka mph)?
- 17) On July 20, 1969, NASA Apollo Astronaut Neil Armstrong was the first man to step onto and walk on the Moon. What famous words did Neil say? How many years ago did this historical event take place? Who was the second NASA Apollo Astronaut to walk on the Moon a few minutes after Neil did?
- 18) What was the last Apollo Mission to the moon? What is the date of man's last day on the Moon at the end of this Apollo mission program? Who was the last NASA Apollo astronaut on the Moon?