



One Small Step Answer Book A Teenage Perspective

1. Bleary eyed and 4.am.
2. Millions of people across the globe.
3. Fuzzy images.
4. Tense.
5. Colour televisions were only just becoming available.
6. Inhospitable.
7. Fragile craft.
8. One small step for man, one giant leap for mankind.
9. Although he only had a small step to make the progress mankind had made with technology to get to the Moon was immense.
10. No one had done it before, and the technology they had was far behind what we have today.

The Story of Apollo 11

1. J.F.Kennedy.
2. 2 Apollo 8 and 10.
3. Cramped conditions.
4. Computer malfunctioned.
5. Temperature, pressure and oxygen.
6. Experiments and collected samples.
7. Command module.
8. Pacific Ocean.
9. To check they hadn't brought back any alien germs.
10. Lunar rover.

1. Number Moon Walk

Answer 524.5

2. Moon Ratio

Answers

- a. 1:4
- b. 1:2
- c. 1:2
- d. 4:1
- e. 3:4

3. Moon Money

Answer

\$ 28 Million

4. Moon Time

Answers

- 1. 3 Years 0 months 11 days
- 2. 36 months 11 days
- 3. 1107 days (1968 Leap Year)

5. Moon Wires

Answer 1710

6. Moon Speed

Answers

- 1. 173537 miles
- 2. 594,984 miles
- 3. 217,169,160 miles

7. Moon Light

Answers

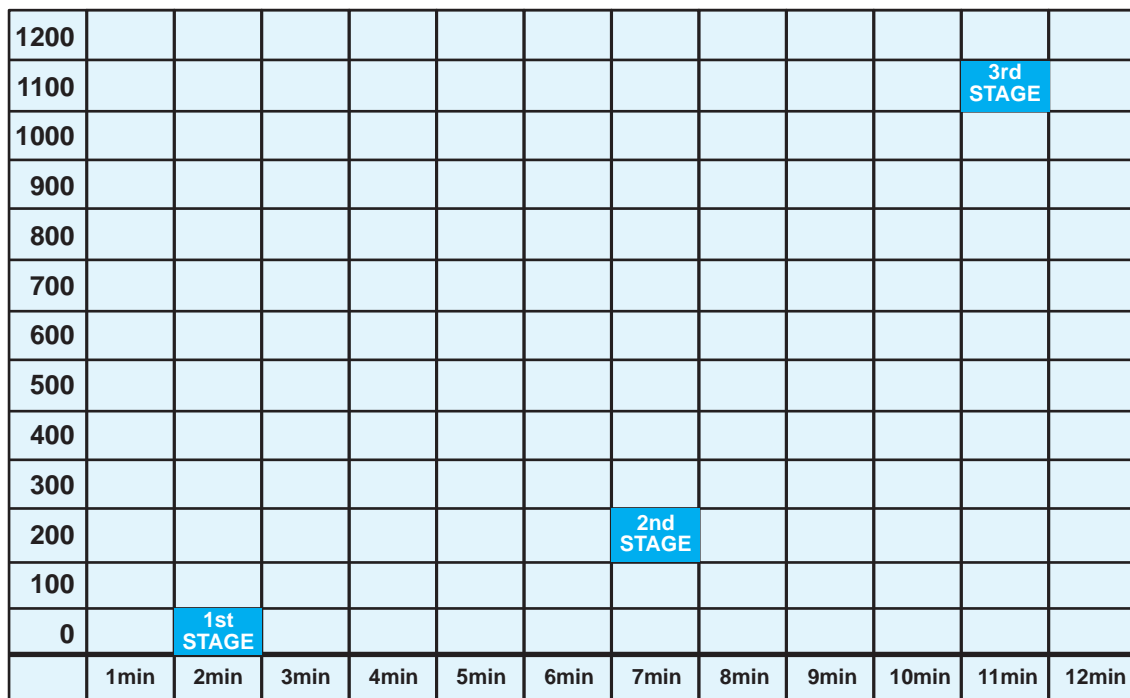
- 1. 8 min 20 seconds
- 2. 1.29 seconds

8. Moon Splash

Answer 43.5 Hours

9. Moon Graph

See graph below



10. Moon Measure

Answers

1. 2160 miles
2. 6787 miles

Apollo Programme Reading Text Answers

1. The hatch only opened inwards and it all happened very fast they were overcome by fumes.
2. There were lots of inflammable materials which burned quickly in 100% oxygen.
3. To fasten clothing
4. Water
5. 105 kilometres high
6. They were testing the vehicle's re entry capabilities so they came down to 66,000 metres then bounced back up to 81,000 this created the roller coaster effect.
7. First flight of Saturn 5, first launch from Complex 39, first launch of first stage, first launch of second stage, first time third stage has been restarted in orbit and finally this was the first time the Apollo space craft re entered the atmosphere at a similar speed to a craft coming back from the Moon.
8. To test the lunar module to see if it did everything it was supposed to do.
9. Schirra was the only astronaut to fly these three missions.
10. It did not need one as no humans were on board the flight.
11. There was an engine failure.
12. This was the first manned Apollo mission.
13. In memory of the three astronauts who had died in Apollo 1 fire.
14. This was the first manned space voyage to escape the gravitational pull of the earth. The first to enter gravitational field of another celestial body (the Moon). The first to escape from another gravitational field. The first crew to return safely to Earth after visiting another celestial body.
15. The far side of the Moon.
16. The Saturn V used for the first time with men on board.
17. Apollo 9.
18. Lunar Module engines, backpack life support systems, navigation systems and docking manoeuvres.
19. 8.4 miles / 15.6 km
20. Highest speed attained by a manned vehicle at 39, 897 km/h / 24,791 mph.