



Answer each of the maths questions. Write your answer (in numbers) in the blank spaces.

You may want to do some working out on a scrap piece of paper.

1. There are 7 days in a week and the Moon takes about 4 weeks to go through all 4 different phases. How many days would it take to go through 3 of the phases?



The Moon takes days to go through 3 phases.



2. The name of the rocket that first took people to the Moon was the Saturn V, it was 111 metres tall. It was 18 metres taller than the Statue of Liberty. How tall is the Statue of Liberty?

The Statue of Liberty is metres tall.

3. Apollo 12 was struck by lightning twice just after it took off. The first happened 36 seconds after take-off, and the second happened 52 seconds after take-off. How much time passes between the lightning strikes?



The two lightning strikes were seconds apart.



4. Apollo 15 took a vehicle to the Moon called the Lunar Rover Vehicle (LRV). The LRV had a top speed of 8 miles per hour. This means that every hour the vehicle would travel just 8 miles. If the LRV set off at top speed at 9 AM and travelled 32 miles in total, what time did the LRV end its journey?



The LRV reached the end of its journey at PM.



5. Each successful Apollo Mission landed 2 astronauts on the Moon. In total, 12 Apollo astronauts walked on the Moon.

There were successful Apollo missions to the Moon.

6. Mons Huygens is 4700 metres tall, which makes it one of the tallest mountains on the Moon, Mount Everest is the highest mountain on Earth and is 8848 metres tall.



Mount Everest is metres taller than Mons Huygens.



7. The Apollo 11 crew began their journey to the Moon on July 16, 1969. They landed safely back on Earth in the Pacific Ocean 8 days later, having spent just 1 day on the Moon. On what date did they return to Earth?

They safely landed in the Pacific Ocean on July, 1969.