



Grade 4

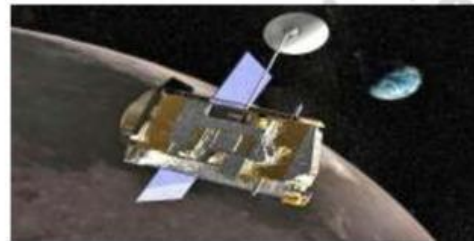
Date:

DEPARTMENT OF MATHEMATICS

Reading Comprehension

Name of the Student: _____

Mission Chandrayaan-3: A Mathematical Journey



The Launch and Orbit Chandrayaan-3 was launched on July 14, 2023, to begin its historic journey to the moon. While orbiting the Earth, the spacecraft travelled a distance of 36,500 km.

Question 1: In the 5-digit number 36,500, what are the place value and the face value of the digit '3'? _____

Question 2: Round the distance 36,500 km to the nearest 1000. _____

The Team Behind the Mission The Indian Space Research Organisation (ISRO) was the agency responsible for the mission. To make this achievement possible, 16,786 people were working at ISRO in the year 2022.

Question 3: Using the digits in the number 16,786 (1, 6, 7, 8, and 6), what is the greatest 5-digit number you can build? _____

Question 4: In the number 16,786, which digit is in the thousands place? How many thousands are there in this number? _____ , _____

Deep Space Travel As it moved further away, by July 25, 2023, Chandrayaan-3 was orbiting at a much greater distance of 1,27,603 km from Earth.

Question 5: Write the number name of 1,27,603. _____

Question 6: Express this distance in expanded form. _____

The Landing and the World's Watchful Eyes



India became the first country to land near the lunar south pole on 23 August, 2023. People all over the world watched the live telecast. In just one city, 7,933 children and 5,97,608 adults watched the landing of the Vikram lander.

Question 7: Compare the number of children (7,933) and adults (5,97,608) using the correct symbol ($<$, $>$, or $=$). _____

Question 8: The combined weight of the lander Vikram and the rover Pragyan is 1,792 kg, while the rover Pragyan alone weighs 26 kg. What is the weight of the Vikram lander? _____

Question 9: Arrange the following numbers from the text in descending order: 1,27,603; 16,786; 36,500; 1,792.
