

Place Values Through Hundreds

TAKS Objective 1
TEKS 3.1A

Use the table to answer the problems.

There have been a total of 6 missions in which astronauts landed on the moon. The length of each of those missions is shown in the table below.

Time in Outer Space	
Mission	Hours
Apollo 11	195 hours
Apollo 12	245 hours
Apollo 14	216 hours
Apollo 15	295 hours
Apollo 16	266 hours
Apollo 17	302 hours

1. In 1969, the *Apollo 11* astronauts became the first people to land on the moon. How would you write the number of hours for their mission in expanded form? In word form? _____

2. How would you write the number of hours for the Apollo 17 mission in word form?

3. Which mission's length has the same digit in the tens place and the ones place?

4. **You Decide** Ken says that the *Apollo 14* mission was in outer space for about 200 hours. Bill says it was in outer space for about 300 hours. Who do you think is correct? Explain your choice.

5. **Reasoning** The length of my Apollo mission is an odd 3-digit number. The digit in the tens place is twice the hundreds digit. On which Apollo mission did I serve?

6. The length of my Apollo mission is an even 3-digit number. The digit in the hundreds place is twice the ten digit. On which Apollo mission did I serve?
