



or look it up. (b) Do you agree with Galileo's stated conclusion that lunar mountains are *several times* taller than the highest mountains on Earth?

8. Having found that the Moon is so rugged, Galileo had to explain why the edge, or *limb*, of the Moon nonetheless appeared round and smooth instead of jagged. He proposed that, when looking at the limb of the Moon, an observer sees successively more distant mountains in the gaps between nearer mountains. Explain how this might make the Moon's limb appear round and smooth. (Galileo also suggested that the Moon's atmosphere blurs the ruggedness of the landscape, making it look more regular than it is. In this he was wrong; the Moon has no atmosphere.)

**Worksheet**

**NAME** \_\_\_\_\_

1. (a) \_\_\_\_\_ (b) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ (c) \_\_\_\_\_ (d) \_\_\_\_\_

2. (a) \_\_\_\_\_ (b) \_\_\_\_\_ (c) \_\_\_\_\_ (d) \_\_\_\_\_, (e) \_\_\_\_\_, \_\_\_\_\_

3. (a) \_\_\_\_\_ miles (b) \_\_\_\_\_

4.

5.

6.

7.

8.