Project: The Surface of the Moon

1. Can you see the entire Moon through the telescope? If not, approximately what portion of the Moon can you see?

2. Look specifically at the edge of the Moon and/or the boundary between the light and dark regions. Is this boundary a perfectly smooth line? If not, why not.

3. Pick out a specific mountain or crater on the surface of the Moon (label it on your drawing on the other side).

   (a) Is it a mountain or a crater?

   (b) Which side of the object is in shadow?

   (c) Based on this, from which direction is the Sun shining? Draw an arrow on the figure on the other side indicating in which direction the sunlight is traveling as it illuminates the Moon.