

Name: \_\_\_\_\_

Hour: \_\_\_\_\_ Date: \_\_\_\_\_

# The Moon – Observation

<https://youtu.be/O42IzAhBaic>

1. Moonlight is really \_\_\_\_\_ light.
2. Why does the moon reflect so much light?
3. Tides are caused by \_\_\_\_\_.
4. Why don't we get an eclipse every month?
5. How did ancient astronomers figure out that the earth is round?
6. The moon has \_\_\_\_\_ the gravity of earth.
7. If you weigh 60 lbs on earth, you would weigh \_\_\_\_\_ lbs on the moon.
8. If you can jump 2 feet high on earth, you can jump \_\_\_\_\_ feet on the moon.
9. How does the gravity of earth affect the moon?

## The Lunatics “Moon Cycle”

<sup>1</sup>I like to watch the moon cycle,  
<sup>2</sup>I like to watch it phase.  
<sup>3</sup>I like to watch the moon cycle,  
<sup>4</sup>I like to watch it wax and wane.

<sup>5</sup>The moon has its own gravity,  
<sup>6</sup>It makes tides ebb and flow.  
<sup>7</sup>And since our orbits are in sync,  
<sup>8</sup>Then only one side shows.

<sup>9</sup>I want to see the far side of the moon,  
<sup>10</sup>But there's no way.  
<sup>11</sup>Cause the only way to see it,  
<sup>12</sup>Is to be in outer space.

<sup>13</sup>The darkness moves across the moon,  
<sup>14</sup>It goes from right to left.  
<sup>15</sup>I'm learning so much now,  
<sup>16</sup>I want to be a scientist.

10. What is the meaning of line 4?

11. What is the meaning of lines 5 & 6?

12. What is the meaning of lines 7 – 12?

13. What is the meaning of lines 13-14?