

Name: _____

Investigate Cycles of the Moon

SOL 3.8

- 1) Why do different parts of the moon get light at different times?
 - a. *The sun moves around the moon.*
 - b. *Clouds sometimes keep light from reaching the moon.*
 - c. *Gravity sometimes pulls light to the moon.*
 - d. *The moon is always moving around Earth.*

Use the chart below to answer question #2.

Tides at Izaak Walton Park: Tuesday, July 26

Tide Type	Time
High	1:12 A.M.
Low	7:32 A.M.
High	1:12 P.M.
Low	7:32 P.M.

- 2) What pattern do the tides follow?
 - a. *There are two high tides and two low tides in one day.*
 - b. *There is one low tide and one high tide every day.*
 - c. *High tide is about ten hours after low tide.*
 - d. *The high tides happen in the morning and the low tides happen at night.*

- 3) How does the moon cause tides on Earth?
 - a. *The moon's gravity pulls on Earth's water.*
 - b. *Wind from the moon moves Earth's water.*
 - c. *Energy from the moon moves Earth's water.*
 - d. *The phases of the moon change the way Earth's water moves.*