

Name: _____ Section: _____

The Solar System – Open Response Question 5

Tides occur when the gravitational pull of other celestial bodies change the shape of Earth's oceans.



- a) In the illustration above, label the locations of the high and low tides?
- b) Out of the two celestial bodies, does the gravitational pull of the Moon or the Sun have a greater effect on the tides? Explain your reasoning.
- c) How are the tides impacted when the Earth, Moon, and Sun are in a line? Explain your reasoning.