

Name: _____ Section: _____

The Solar System – Open Response Question 5

Tides occur because the Moon's gravity (and to a lesser extent, the Sun's) changes the shape of Earth's oceans.



- a) In the illustration above, label the location(s) of the high tide(s)?
- b) Why does the Moon's gravitational pull affect Earth more than the Sun's?
- c) How is the tide impacted when the Earth, Moon, and Sun are in a line?