

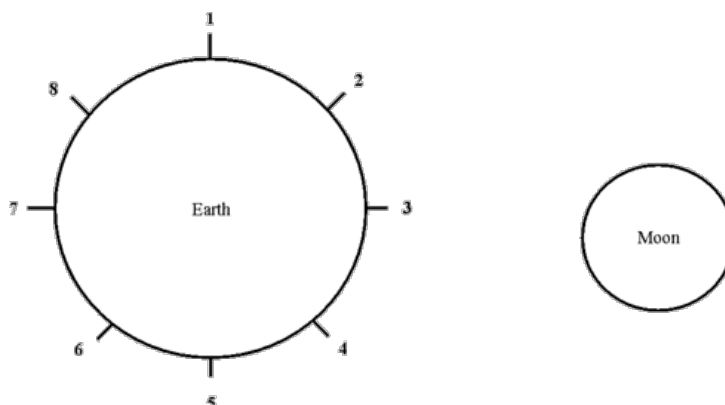
# Tides

## This task is about how we get high and low tides.

High and low tides are caused by the gravitational pull of the Moon.

This causes the Earth's water to bulge out on the side closest to and farthest from the Moon.

These bulges of water are called high tides.



- a) There are two places on the Earth that would have a high tide when the Moon is in the position shown in the diagram.

There would be a high tide at position numbers  and .

- b) High tides occur approximately:

- once every 24 hours.
- twice every 24 hours.
- once every lunar month.
- once every year.