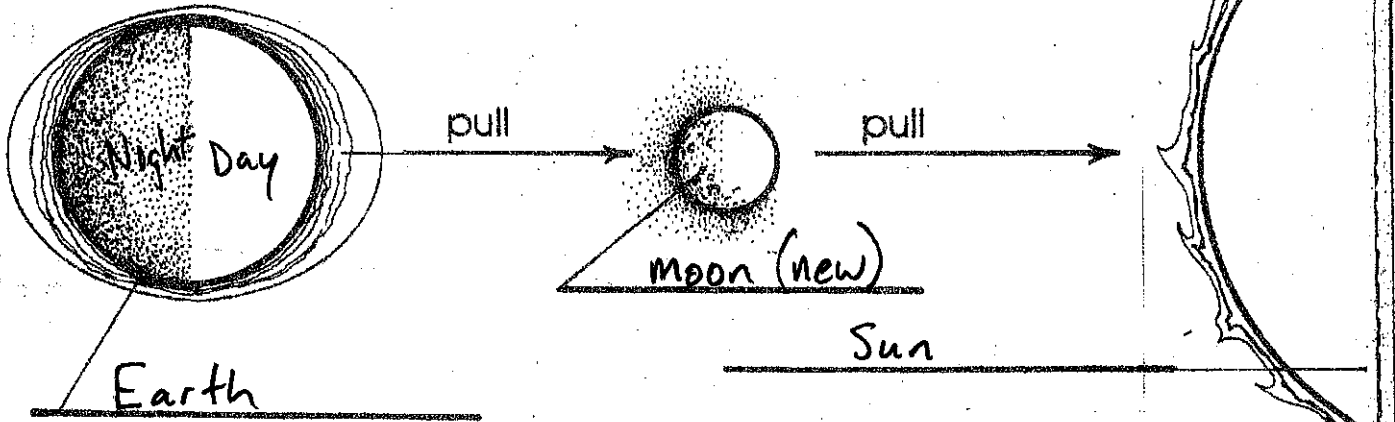


# High Tide

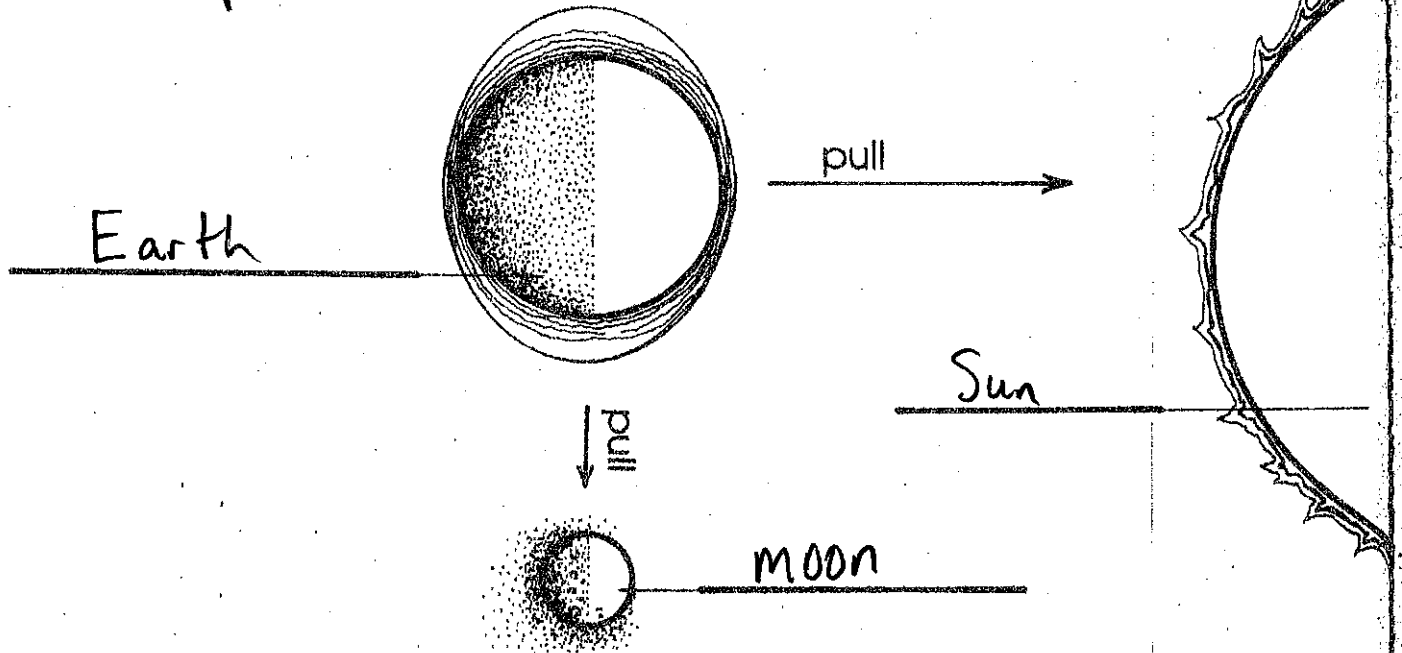
Name \_\_\_\_\_

The ocean tides are caused mostly by the moon's gravity. When the Sun, moon and Earth line up, the gravitational pull is greatest causing the highest tides, the spring tides. The lowest tides, neap tides, occur when the sun, Earth and moon form right angles. Label the neap tides, spring tides, sun, Earth and moon.

Spring tides



Neap tides



## WORD BANK

neap tides  
moon

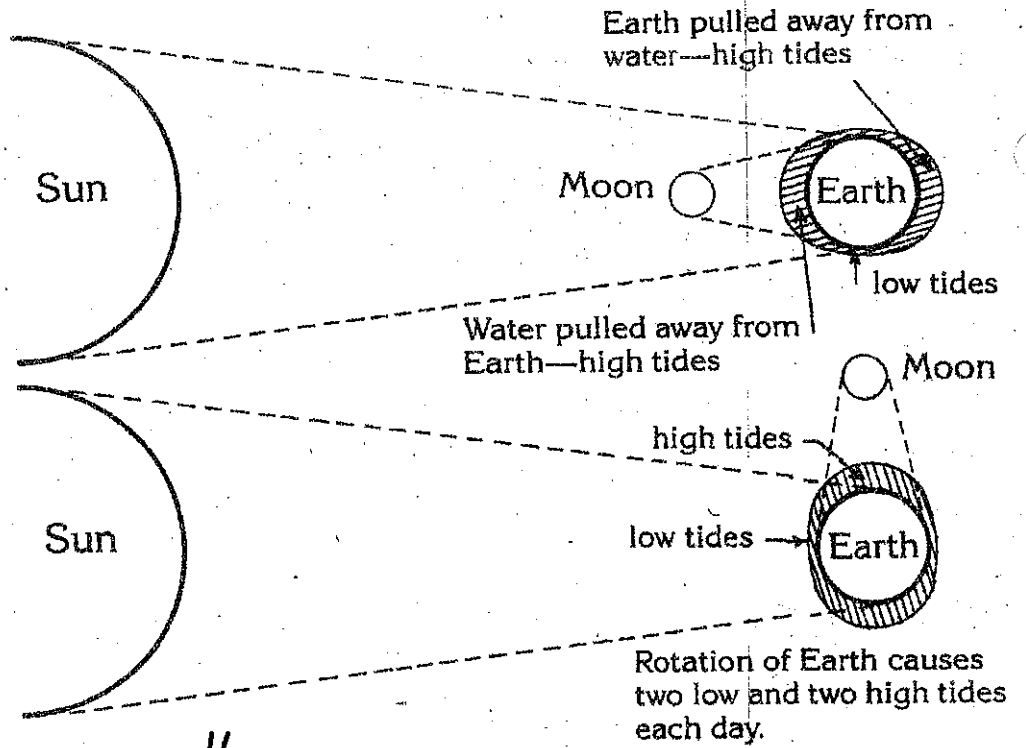
spring tides  
Earth

sun

# Tides

**Spring Tides**—Gravity from the sun and moon pulls together on Earth.

**Neap Tides**—Gravity from the sun and moon pulls against each other.



The gravity/gravitational pull of the sun and moon is the main cause of tides on Earth.

When there are high tides, there are also low tides somewhere on Earth, 4 times a day.

