

Name: _____

Period: _____

Tidal Wave of Facts

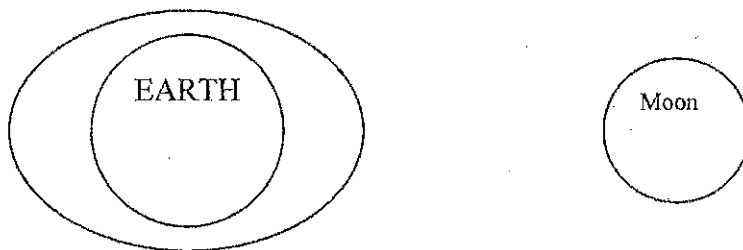
Define Tide.

What causes tides?

There are _____ High Tides and _____ Low Tides every **day**.

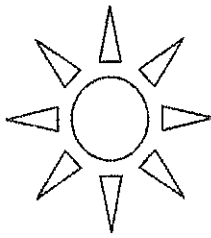
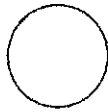
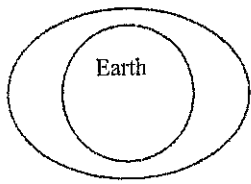
There are _____ Spring Tides and _____ Neap Tides each **month**.

Label all of the high tides and all of the low tides in the diagram below.



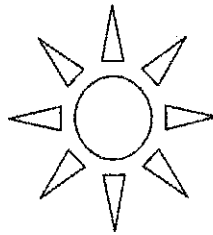
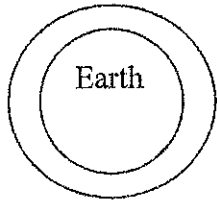
Observe the animation of high and low tides. Record your observations below.

Label the Spring and Neap tides in the diagram below.



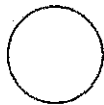
Tide: _____

Justification:



Tide: _____

Justification:



Observe the animation of Spring and Neap tides. Record your observations below.

Which phases of the moon cause Spring tides? Why?

Which phases of the moon cause Neap tides? Why?