

Tides

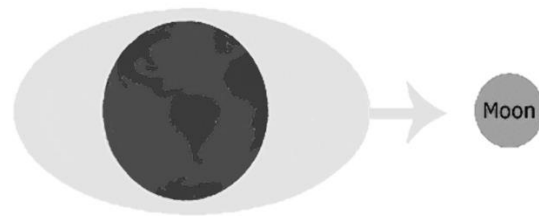
Name _____ Date _____ Period _____

1. What are tides? _____

2. High tides are when water reaches its _____ and low tides are when water reaches its _____.
3. What causes tides? _____

4. Why does the Moon have a greater gravitational pull than the Sun? _____
5. As Earth rotates, different places on the planet's surface _____

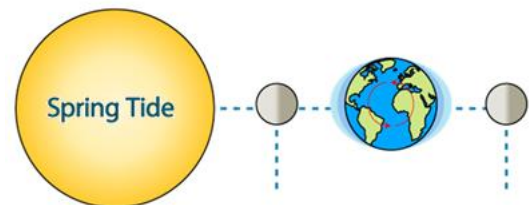
6. Label the High Tides and the Low Tides on the diagram to the right.



7. Changes in the position of _____

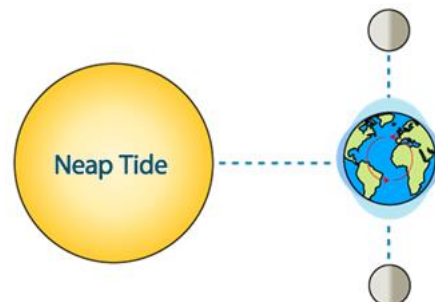
8. Describe Spring Tides: _____

9. Label the Spring Tide diagram including the two moon phases and the high and low tides.



10. Describe Neap Tides: _____

11. Label the Neap Tide diagram including the two moon phases and the high and low tides.



12. Tides occur at different times each day because _____
_____.