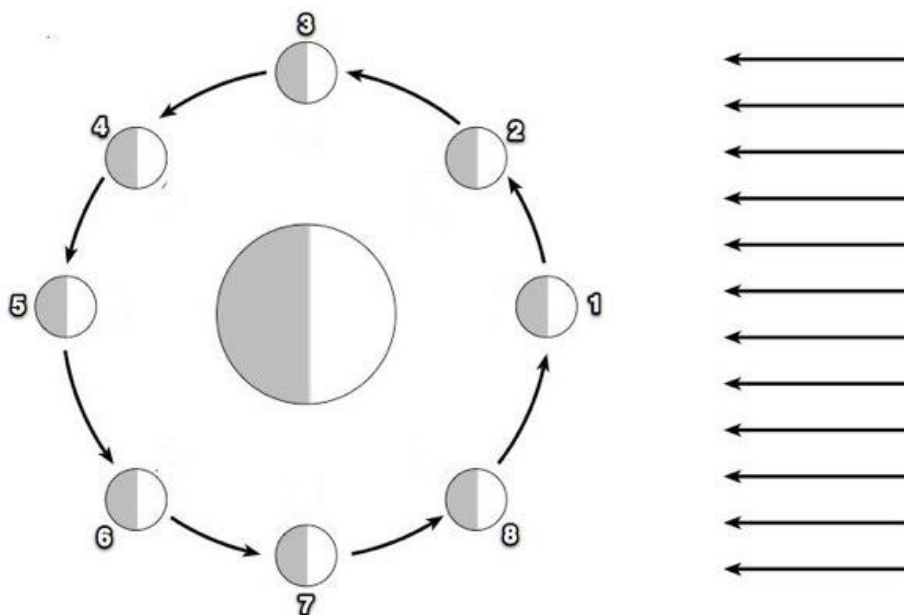
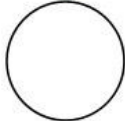
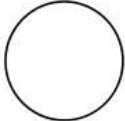
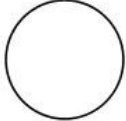
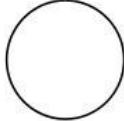
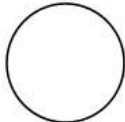
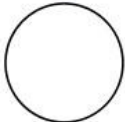
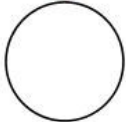
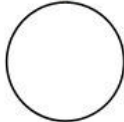


Name _____

Period _____

Lunar Phases 1



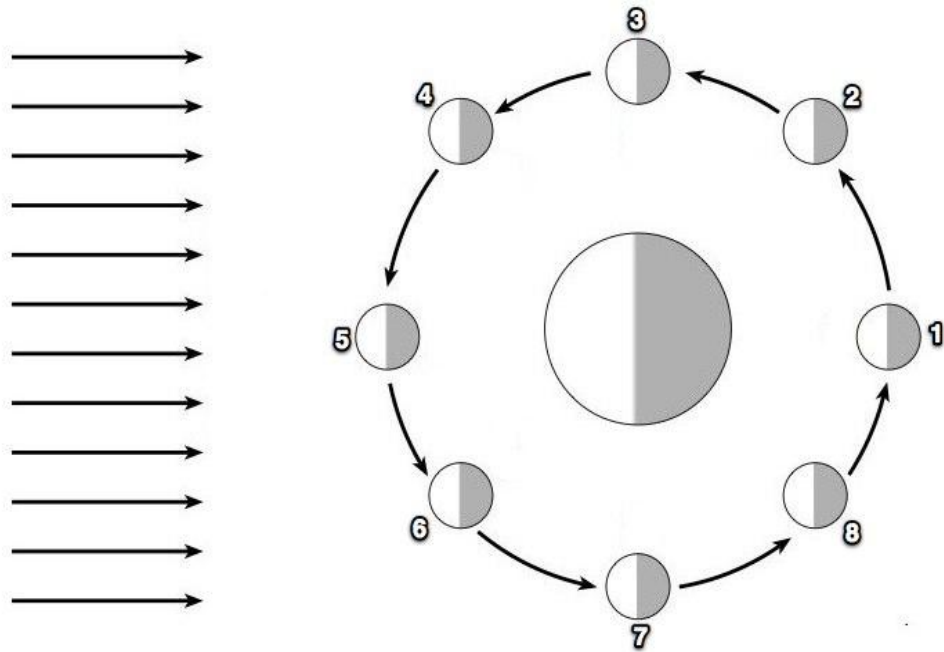
1 	2 	3 	4 
_____	_____	_____	_____
_____	_____	_____	_____
5 	6 	7 	8 
_____	_____	_____	_____
_____	_____	_____	_____

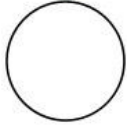
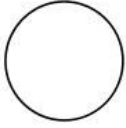
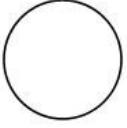
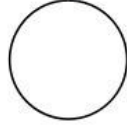
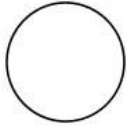
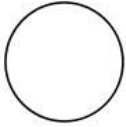
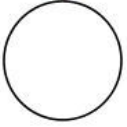
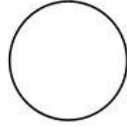
How long does it take for the moon to make one revolution? _____

How long does it take for the moon to go through one phase cycle? _____

Why do we see the phases of the moon? Explain.

Lunar Phases 2



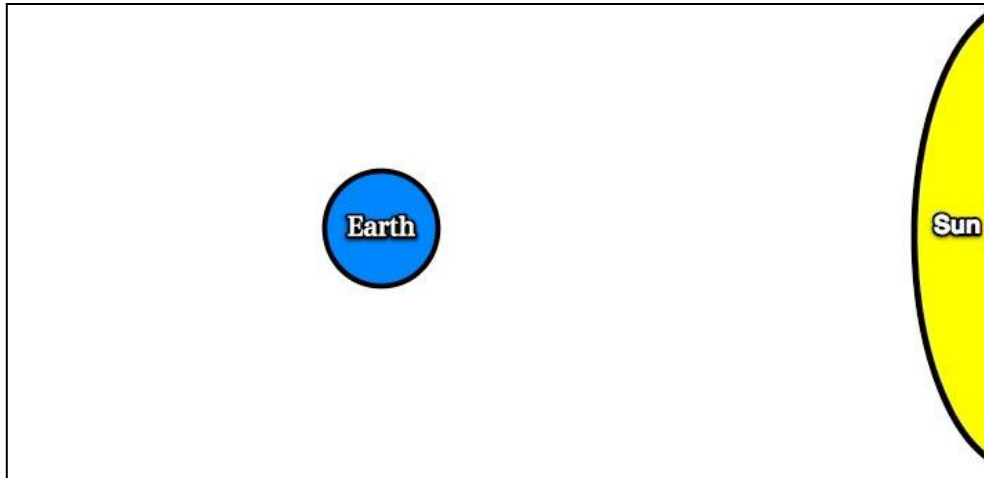
1 	2 	3 	4 
_____	_____	_____	_____
_____	_____	_____	_____
5 	6 	7 	8 
_____	_____	_____	_____
_____	_____	_____	_____

Does the moon rotate? Explain.

What is the difference between the “waxing” and “waning” phases? Explain.

Eclipses

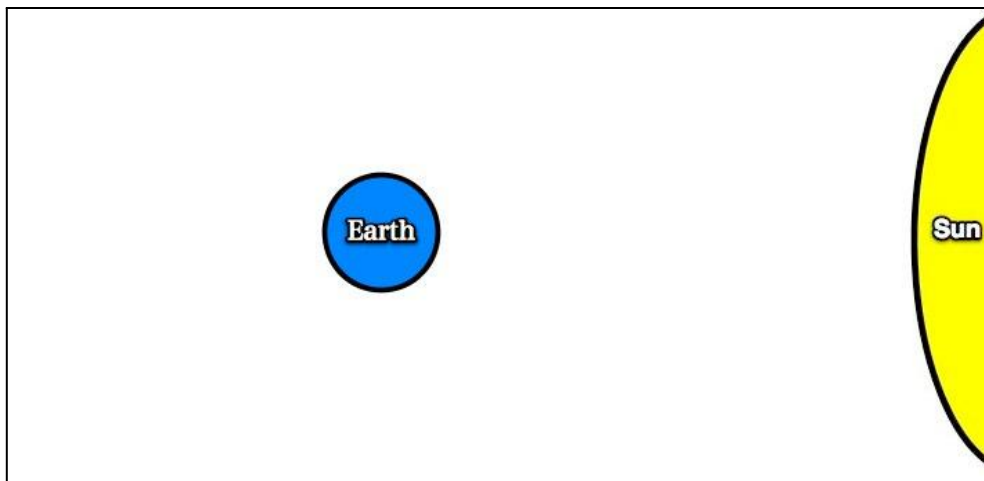
Draw the position of the moon during a Lunar Eclipse.



(not drawn to scale)

Why do lunar eclipses happen?

Draw the position of the moon during a Solar Eclipse.



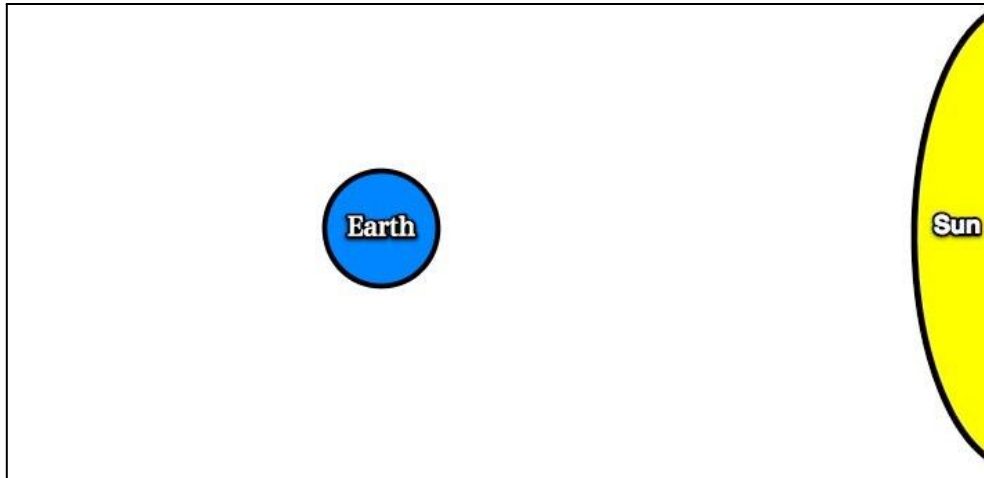
(not drawn to scale)

Why do Solar eclipses happen?

Why don't eclipses happen once a month?

Tides

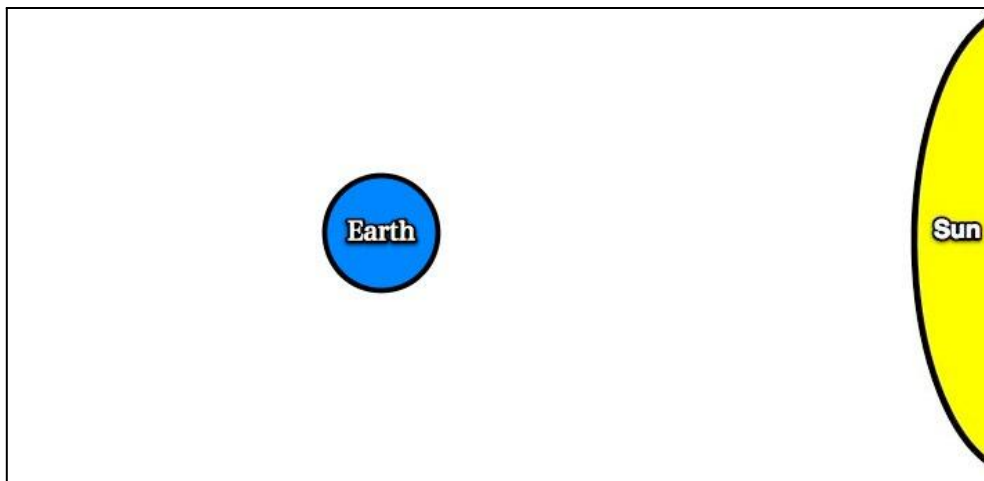
Draw the positions of the moon during **Spring Tides**.



(not drawn to scale)

What are **Spring Tides** and when do they happen?

Draw the position of the moon during **Neap Tides**.



(not drawn to scale)

What are **Neap Tides**, and when do they happen?

How many high tides do we get every day? Why?
