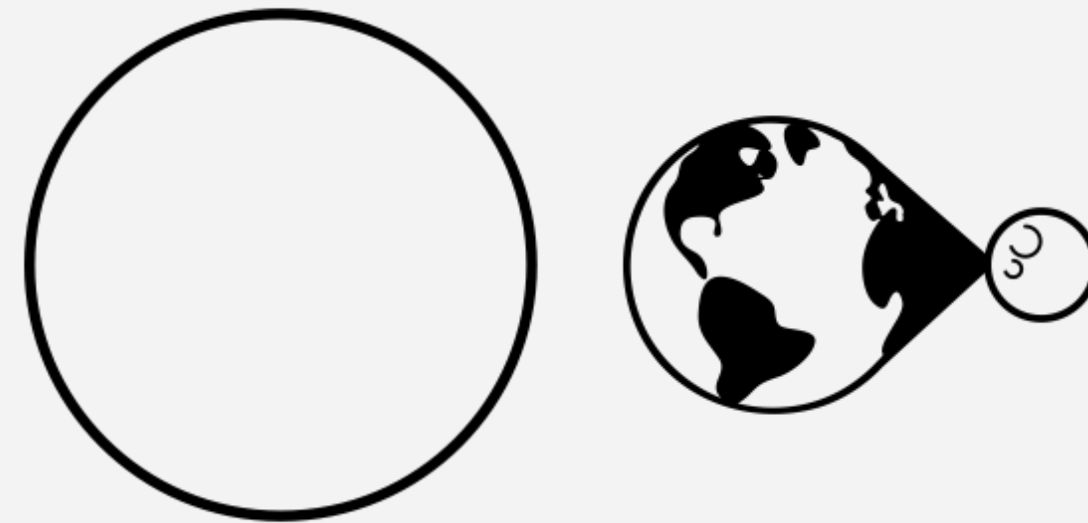
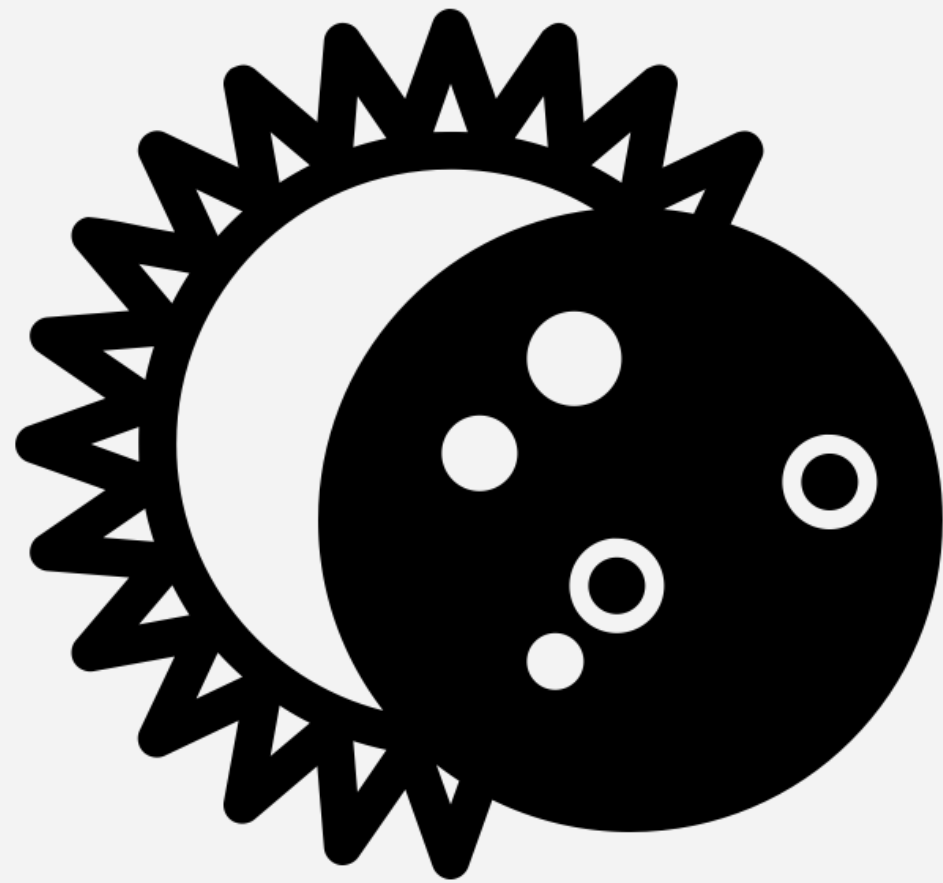


# What are solar and lunar eclipses?

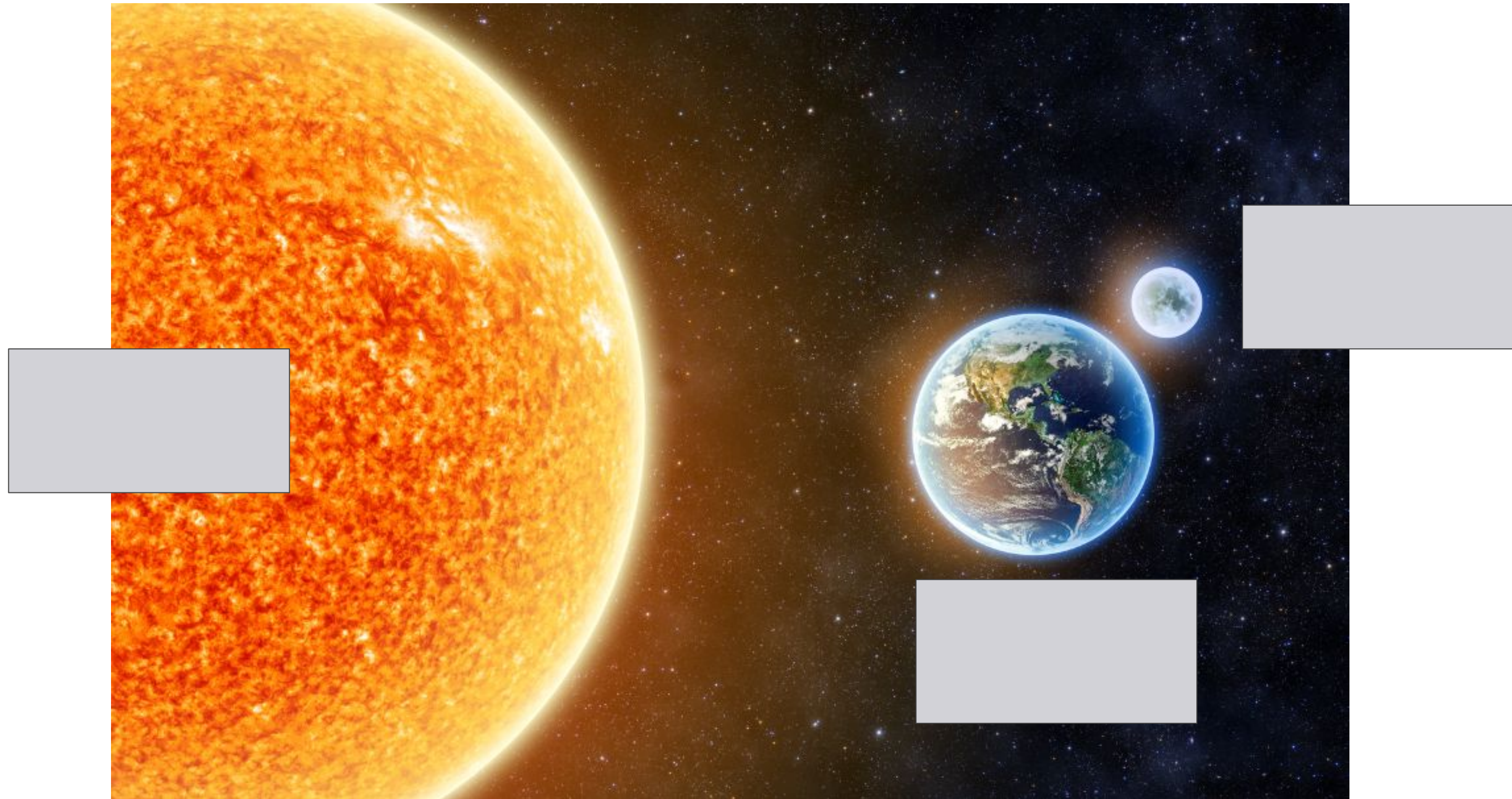


Solar Eclipse by art shop from the Noun Project  
Lunar Eclipse by Claire Jones from the Noun Project

Miss Hummel

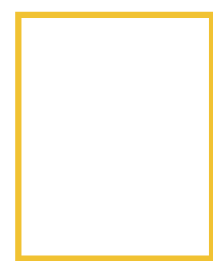


# Label the Earth, the Sun and the Moon in this picture:



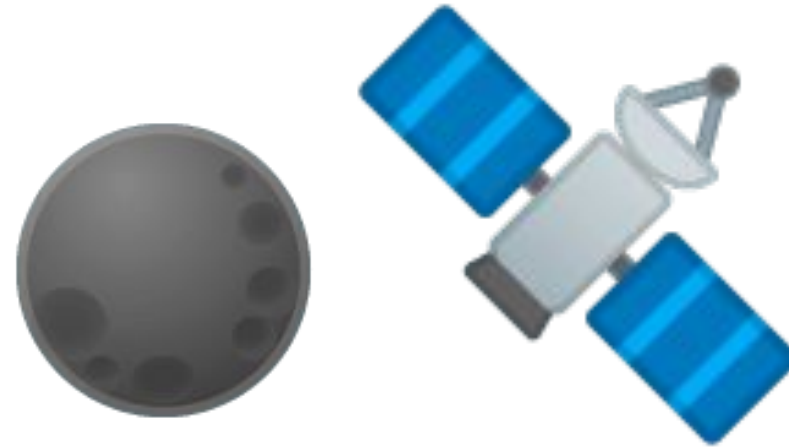
## Complete this sentence:

The \_\_\_\_\_ orbits the Earth and the \_\_\_\_\_ orbits the Sun.





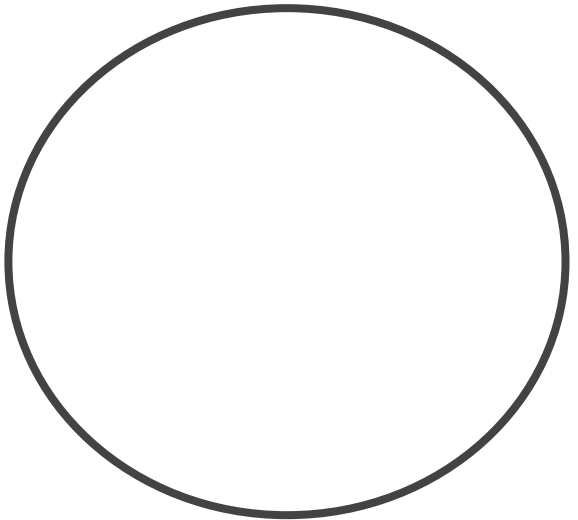
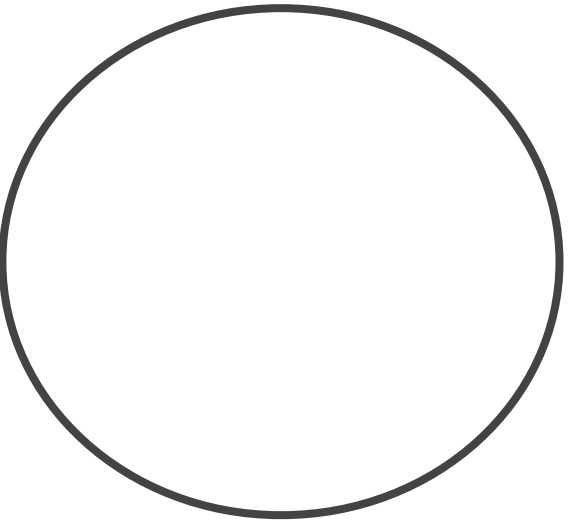
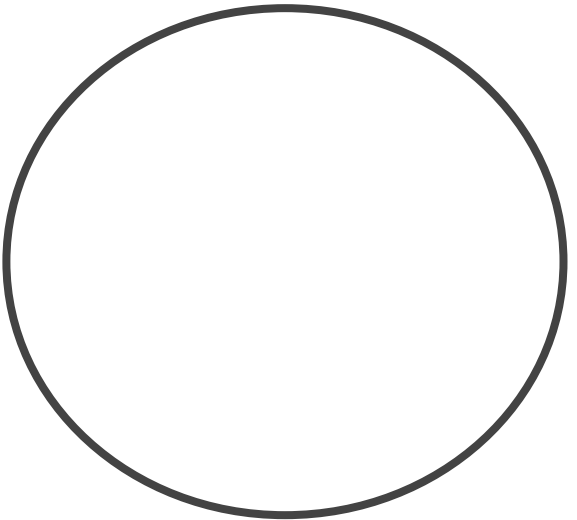
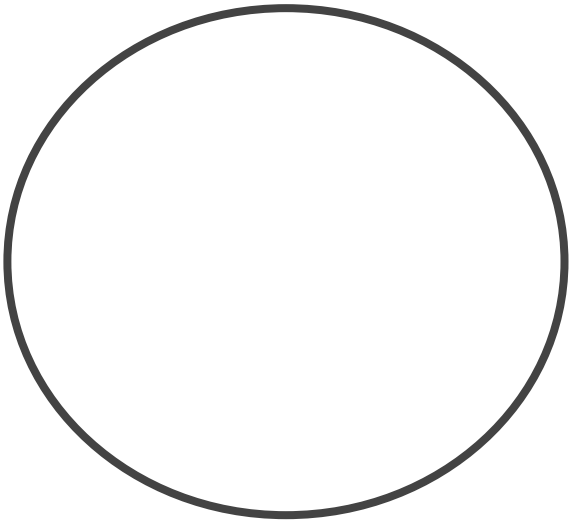
# Answer these questions:



- 1.** What is a satellite?
- 2.** Write your answer with the correct option:
  - a.** The moon is an example of a natural/artificial satellite.
  - b.** The International Space Station is an example of a natural/artificial satellite.



Use the diagram we just saw to write down what the moon looks like from the north part of the Earth at each of the following points in its cycle (colour in the parts you wouldn't be able to see):

<b>First Quarter</b>	<b>Full Moon</b>	<b>Third Quarter</b>	<b>New Moon</b>
			



# Answers:

<b>First Quarter</b>	<b>Full Moon</b>	<b>Third Quarter</b>	<b>New Moon</b>
 A circular moon with the left half shaded dark grey and the right half illuminated yellow. The yellow side features several small, dark spots representing craters.	 A circular moon that is entirely illuminated in yellow. It features several small, dark spots representing craters.	 A circular moon with the right half shaded dark grey and the left half illuminated yellow. The yellow side features several small, dark spots representing craters.	 A circular moon that is entirely shaded dark grey. It features several small, dark spots representing craters.



## Fill in the gaps below:

1. A Solar Eclipse happens when the \_\_\_\_\_ comes in between the Sun and the \_\_\_\_\_. This casts a shadow over the \_\_\_\_\_.
2. A Lunar eclipse happens when the \_\_\_\_\_ comes in between the Sun and the \_\_\_\_\_. This casts a shadow over the \_\_\_\_\_.



## Thinking Task:

Why do we have to be very careful about staring at a Solar Eclipse directly?

