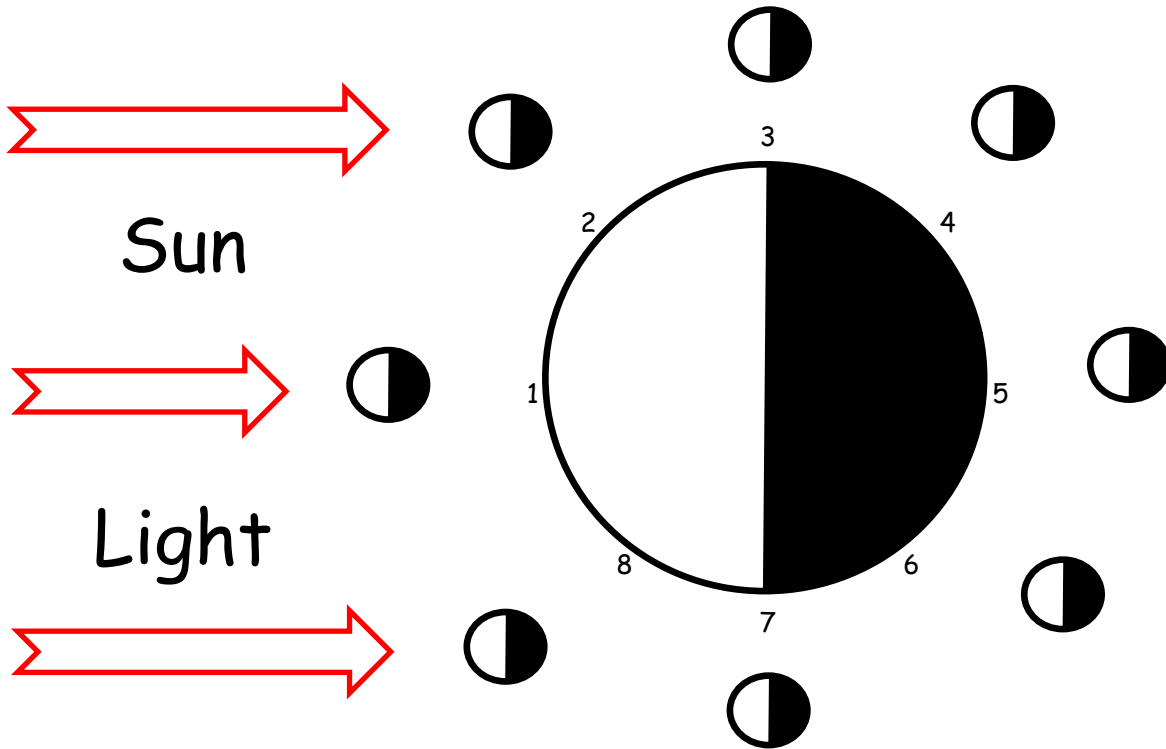


Phases of the Moon

The moon orbits the Earth. It appears to change shape, these are called phases of the moon. Use the diagrams below to explain why the moon appears to change shape.



You will need a completed the diagram below.

1	2	3	4	5	6	7	8
		Half moon					
Waxing				Waning			

Use the following terms to correctly label the phases of the moon.
(You may have to use some terms more than once)

Gibbous moon	Crescent moon	Half moon	New moon	Full moon
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Explain why the moon appears to change shape.

Your explanation needs to include the position of:

- The observer on the Earth
- The incoming sunlight
- The Moon