

If you've ever been present for one, it's not an event you're likely to forget. You need to be in a precise location to spot one—in fact, people will travel all over the world to see them—but solar eclipses are among the most powerful astronomical events.

## I. Facts about solar eclipses:

A.	A solar eclipse can only happen during a moon.		
В.	The moon's orbit is so solar eclipses don't happen every month.		
C.	Both the earth's and moon's orbits are elliptical, so the sun and moon don't always perfectly line u		
	for an eclipse (this is called an eclipse).		
D.	is the only planet in the solar system where total solar eclipses can occur.		
Ε.	It is very important to wear to observe an eclipse.		
F.	Many ancient cultures believed eclipses were caused by		
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G.	Some people think that the darkness that occurred while Jesus was on the cross was caused by an		
	eclipse. This is impossible for two reasons:		
	i Jacus was crucified near the time of Descover which is always during		

	ii. The darkness lasted for	, while an eclipse only ever lasts a few minutes.	
II.	The process of a solar eclipse:		
A.	The penumbra:		
В.	The umbral shadow:		
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C.	It's only possible to be in the umbra for	minutes at most.	
D.	If you're in the penumbra, you'll only see a	solar eclipse.	
E.	Totality:		
F.	Corona:		