

The sun, the moon, and some planets

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1.	If today is Monday, what day of the week will it be 8 days from now?
2.	Si aujourd'hui c'est lundi, quel jour de la semaine sera-t-il 10 jours après demain?
3.	If the first day of January is a Tuesday, what day of the week is the last day of January? [Hint: January has 31 days.]
4.	If the first day of 2019 is Tuesday, what day of the week is the last day of 2019? [Hint: 2019 has 365 days.]



5.	The next full moon is called a "Full Hunter's Moon" because it is the one after the full moon closest to the autumnal equinox (which is called the "harvest moon"); it will be on 24 October 2018. Which is the last month in which there were two full moons? [Hint: Full moons are about 29.5 days apart.]
6.	How many full moons will there be in 2018?
7.	How many full moons will there be in 2019?
M Aj	the Mayan calendar there were 20 day names: $Imix'$, Ik' , $Ak'b'al$, $K'an$, $Chikchan$, $Kimi$, $anik'$, $Lamat$, $Muluk$, Ok , $Chuwen$, Eb' , $B'en$, Ix , Men , $K'ib'$, $Kab'an$, $Etz'nab'$, $Kawak$, iaw . Each day was labeled by a number from 1 to 13 and a day name. In order it went mix' , $2Ik'$,, $13B'en$, $1Ix$, $2Men$,, $7Ajaw$, $8Imix'$,
8.	If today is $8Ok$, what will next Monday be?
9.	How many days after today will be the next $8Ok$? What day of the week will it be?