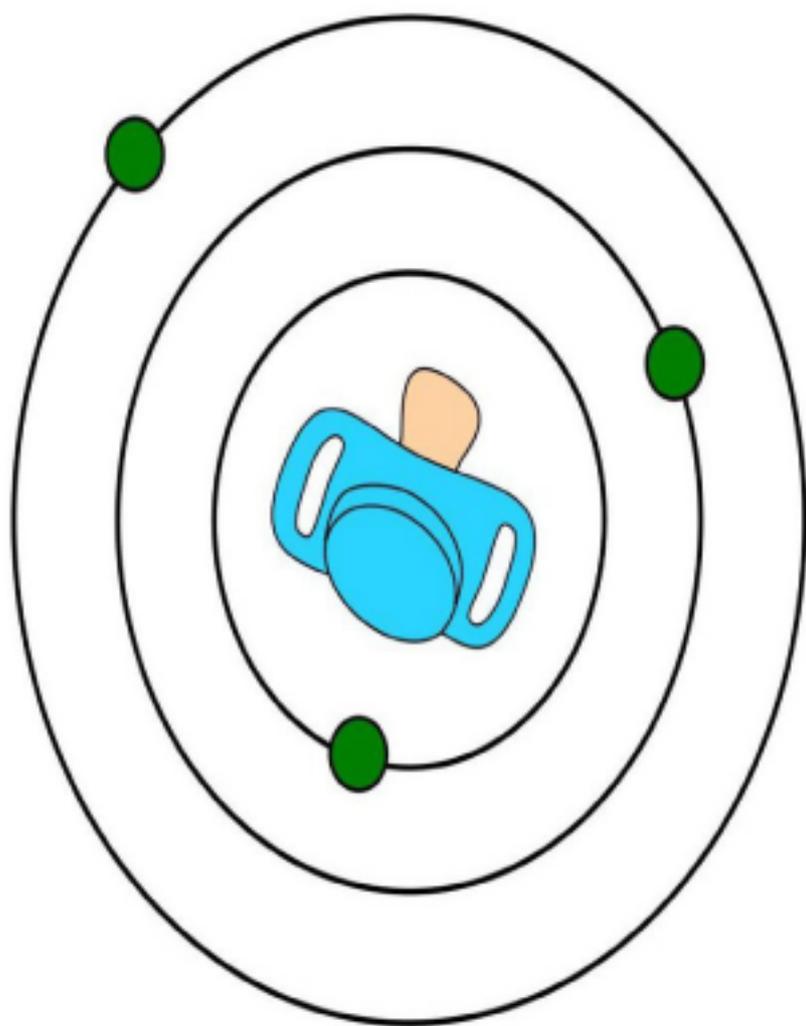
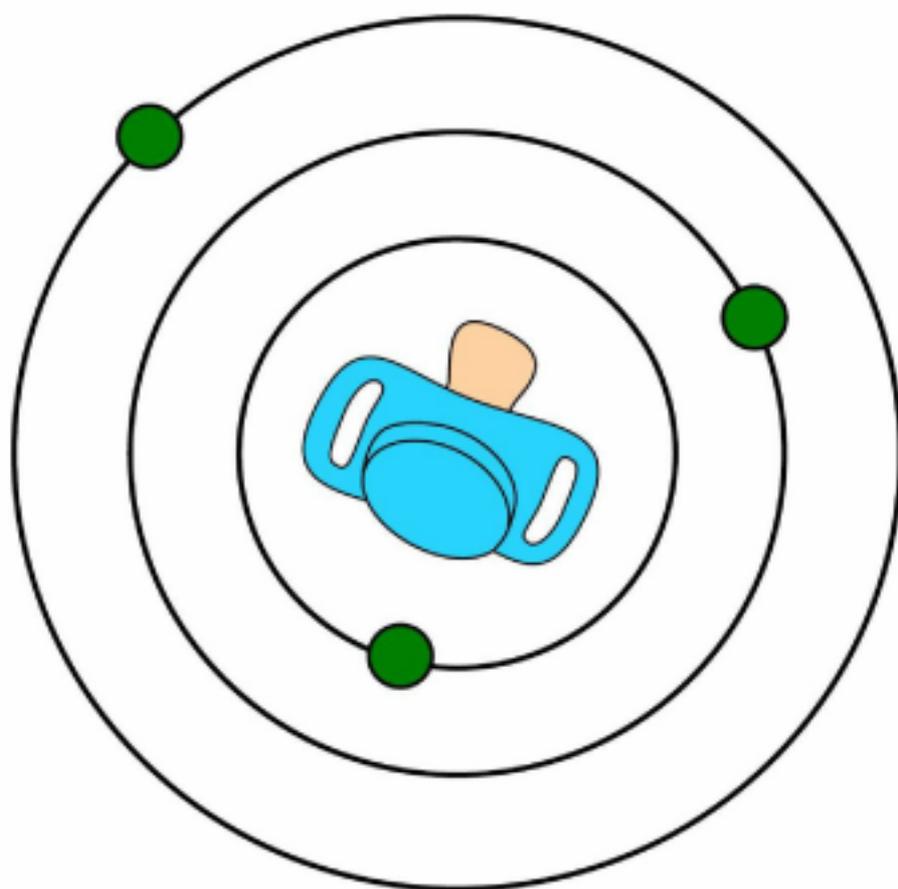


Quantum Physics for Babies

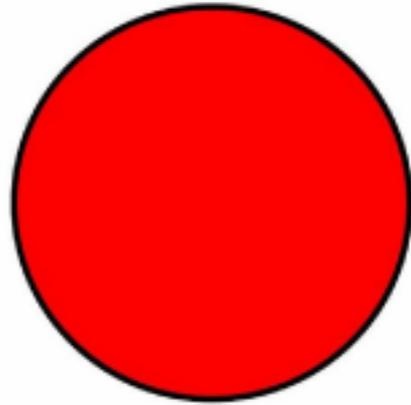


by Chris Ferrie

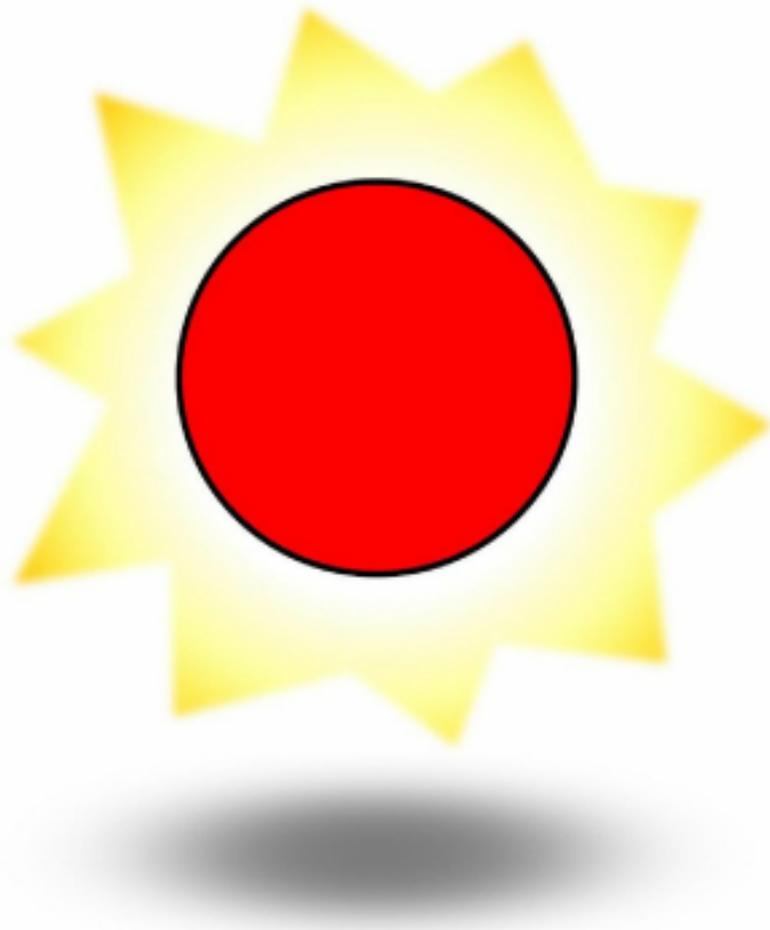
Quantum Physics



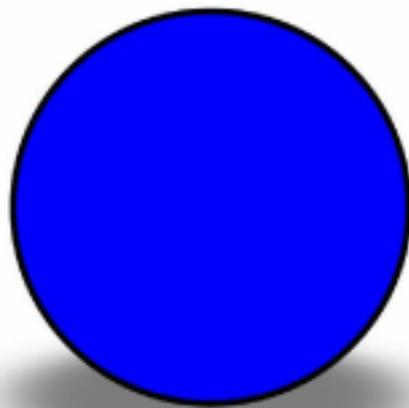
for Babies



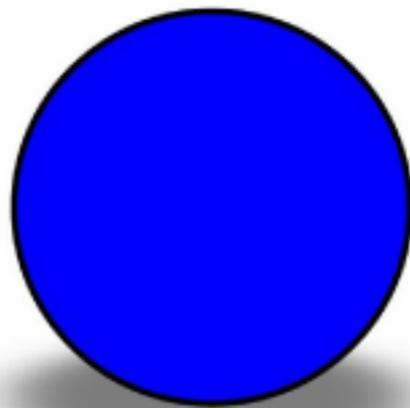
This is a ball.



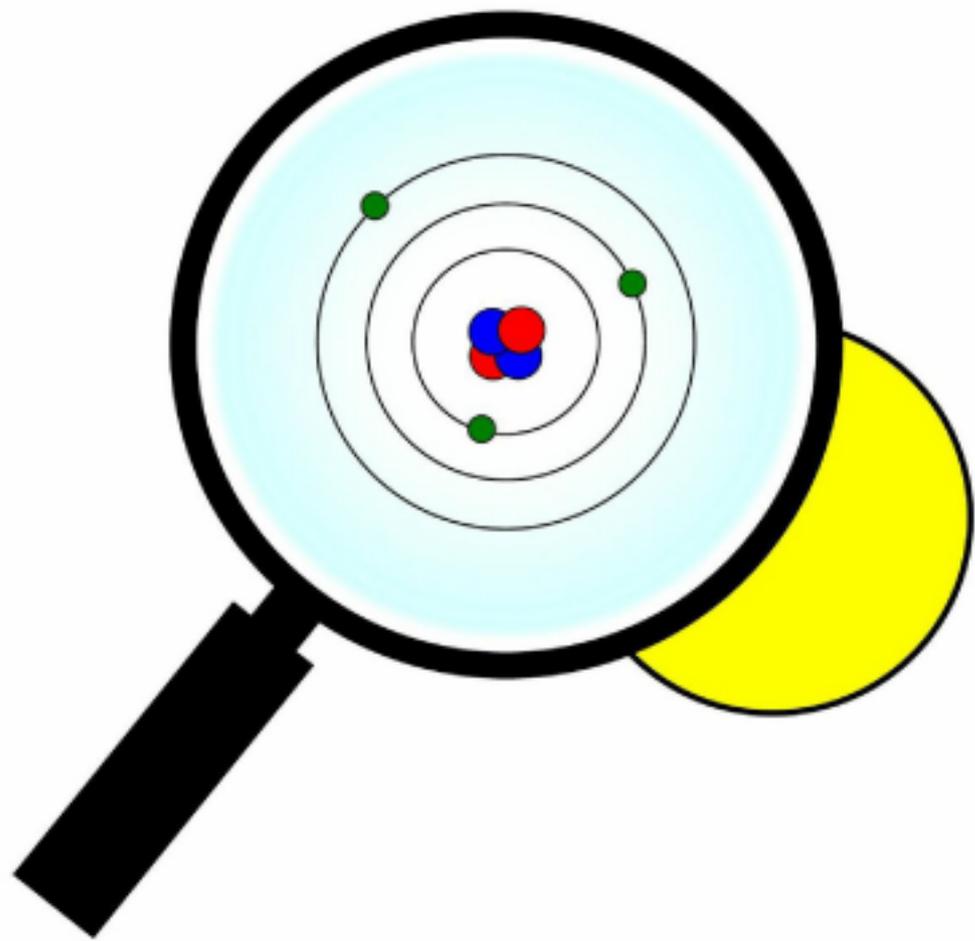
This ball has energy.



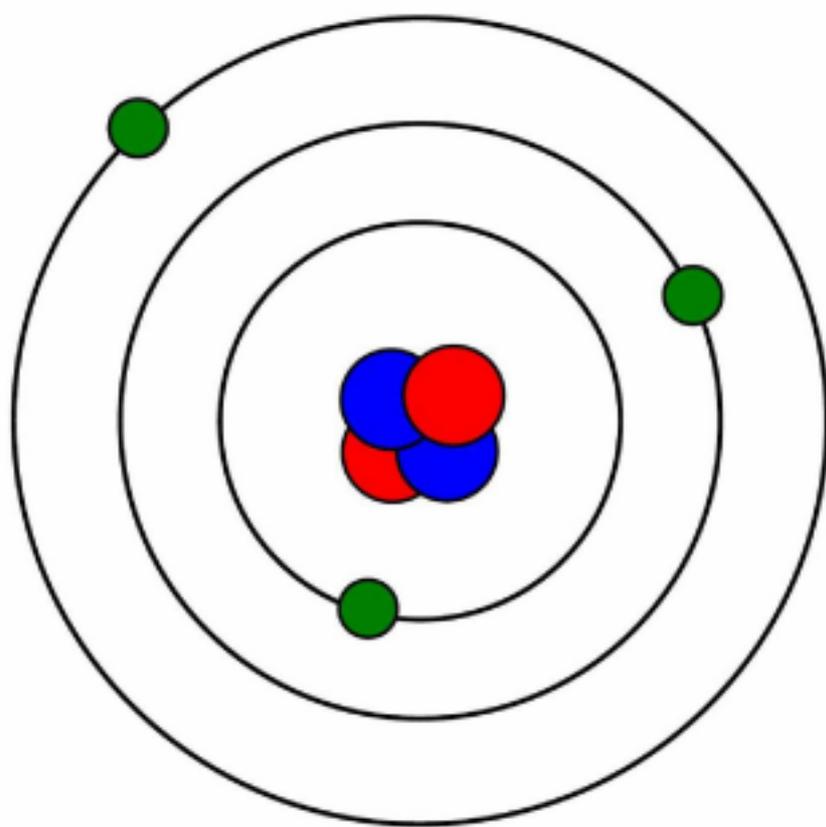
This is a ball.



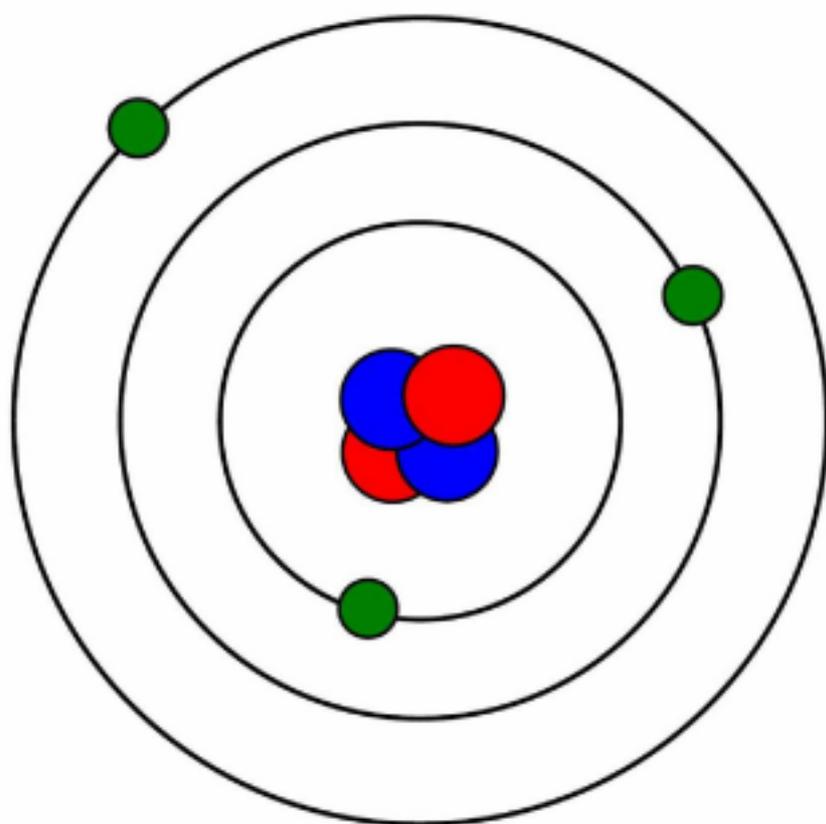
**This ball has
zero energy.**



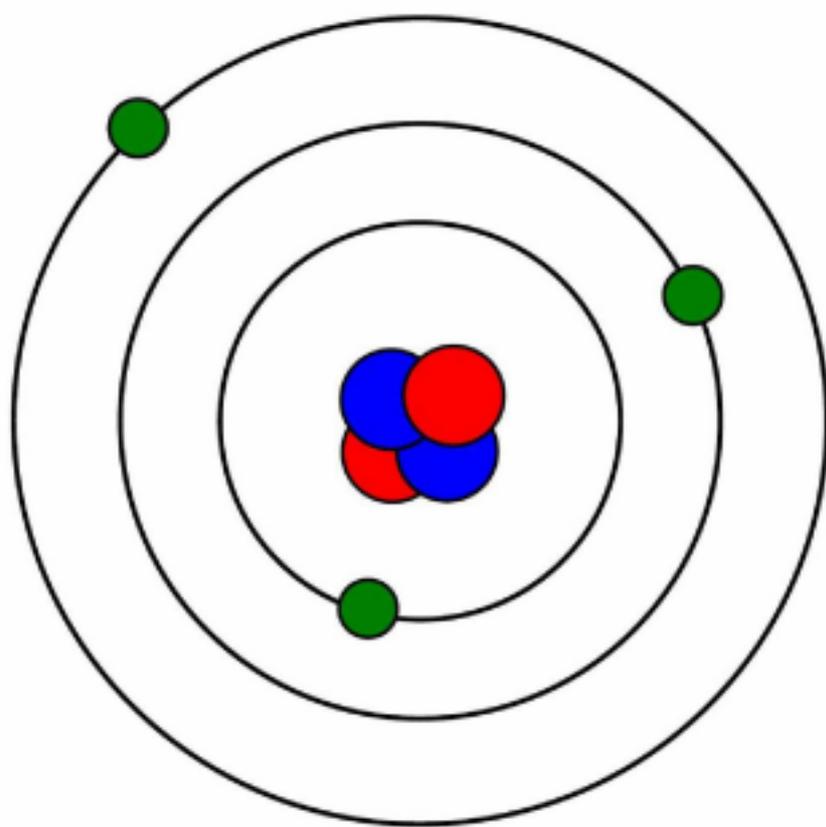
**All balls are made
of atoms.**



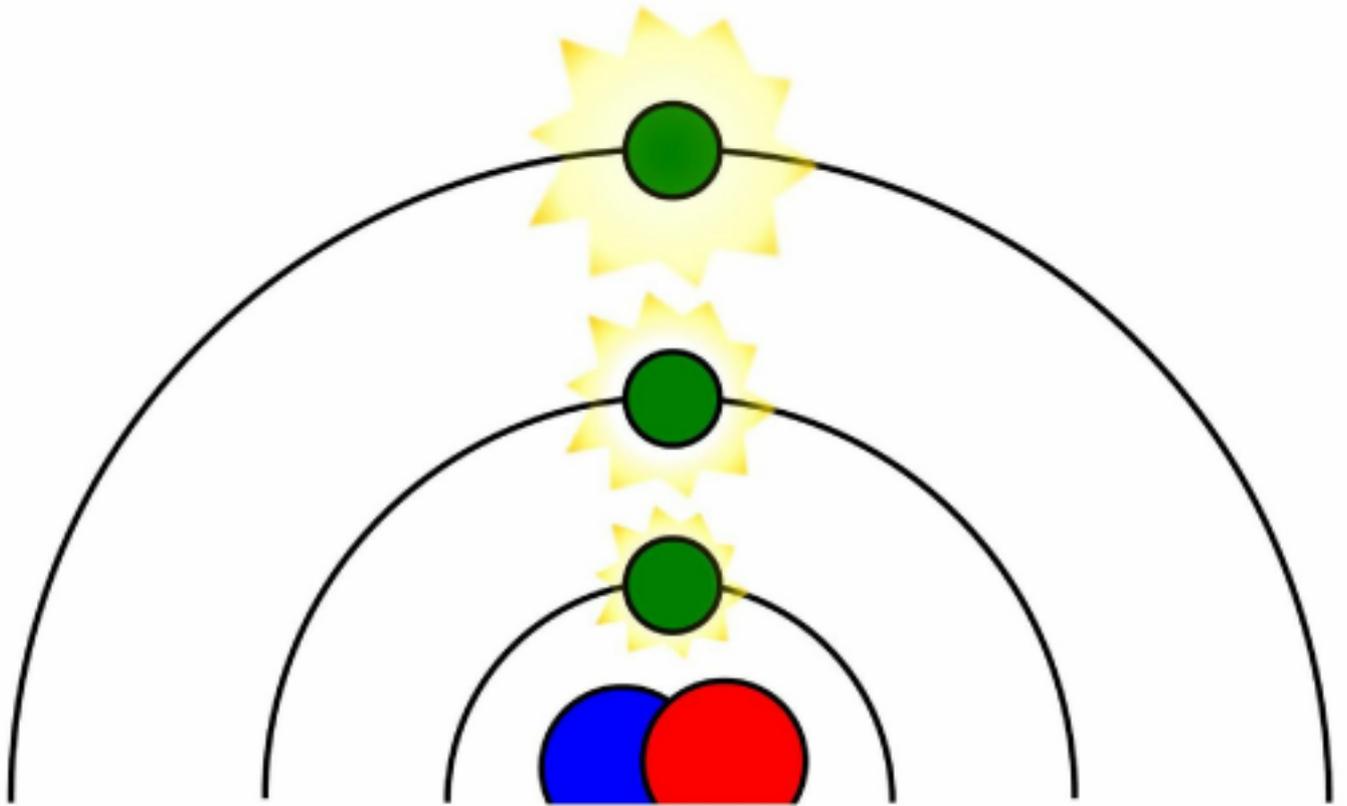
There are **neutrons.**



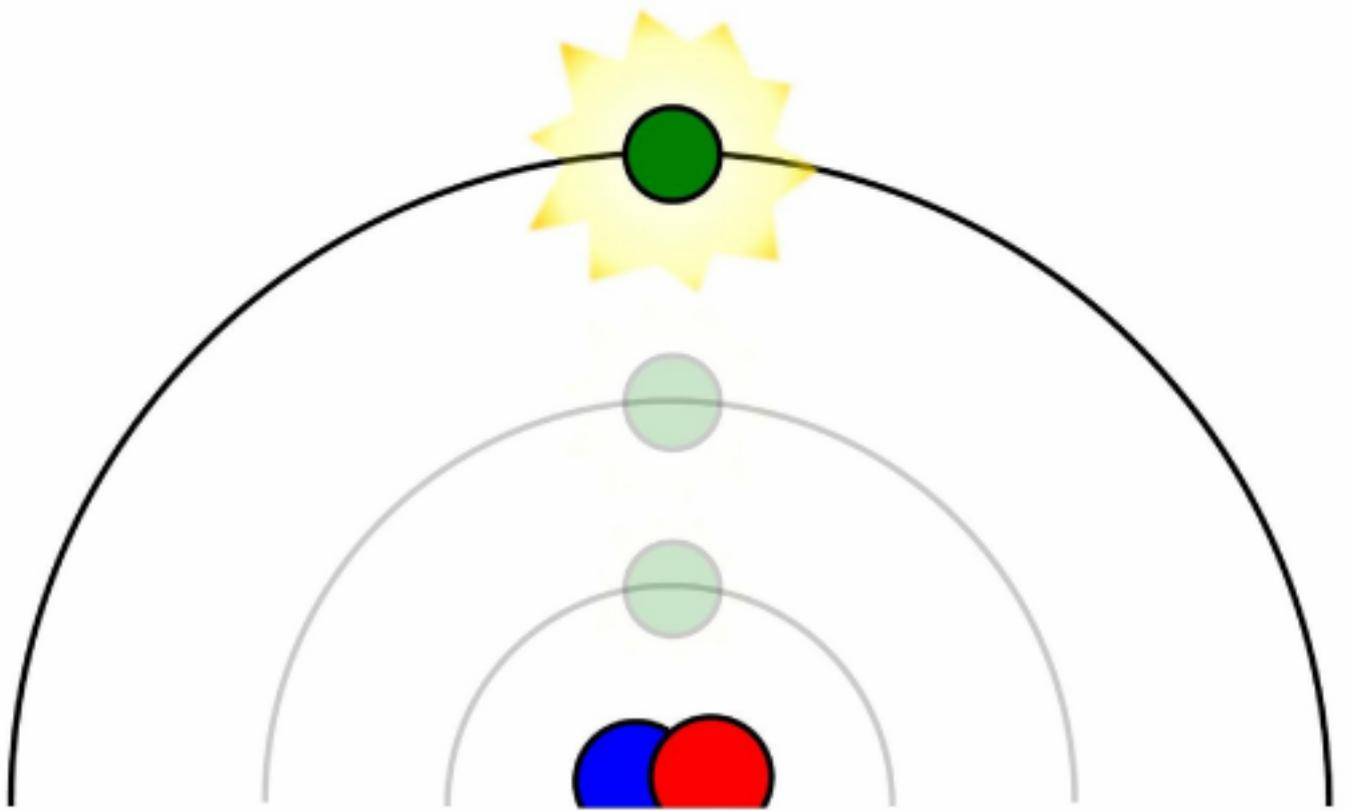
And protons.



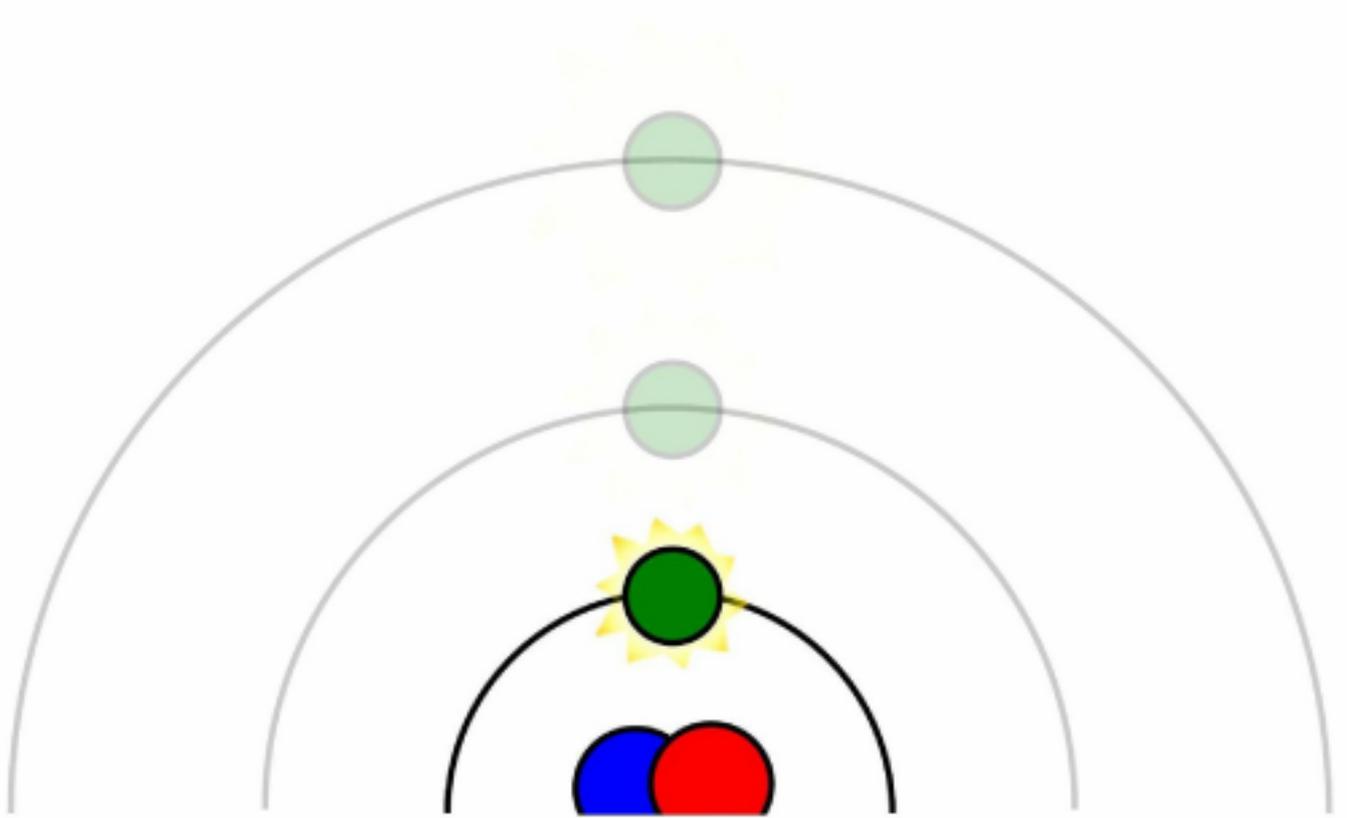
And electrons.



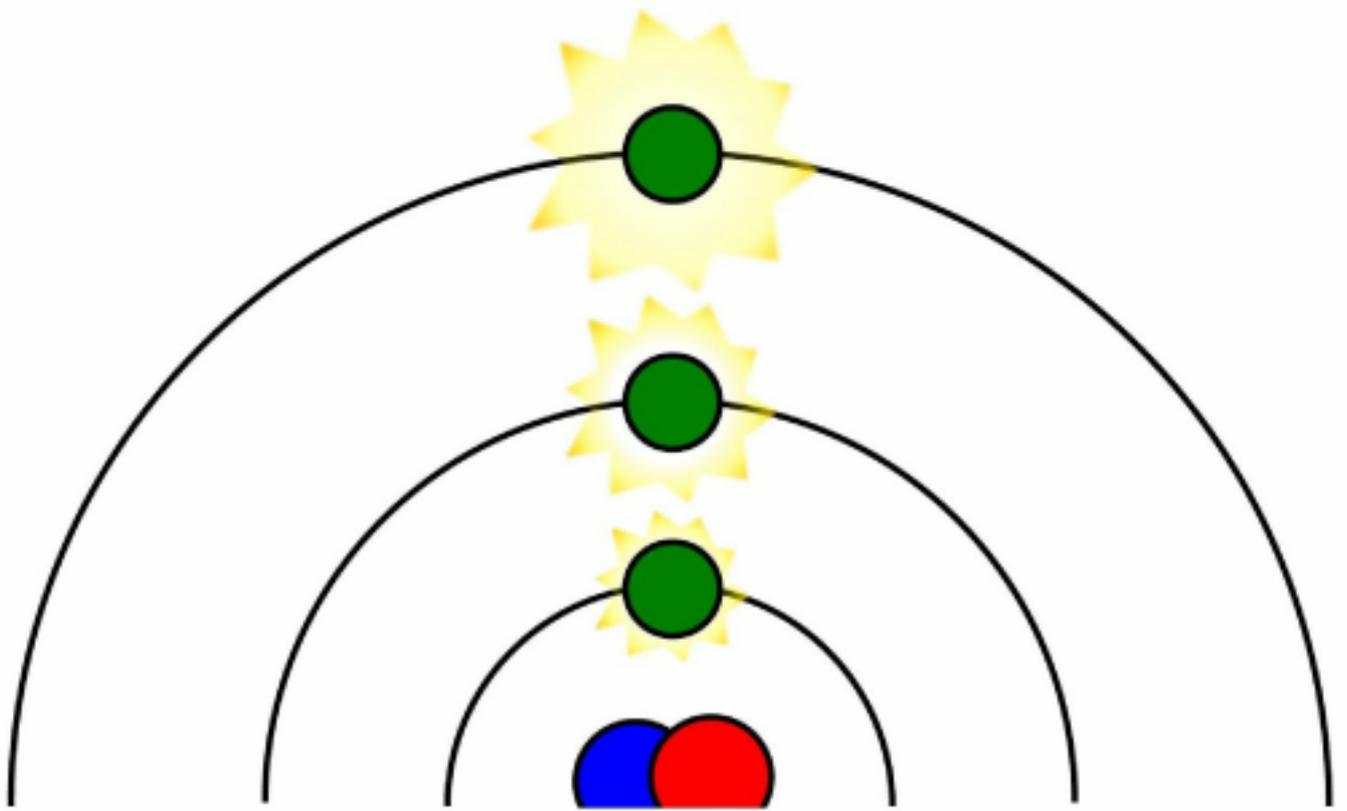
Electrons have
energy.



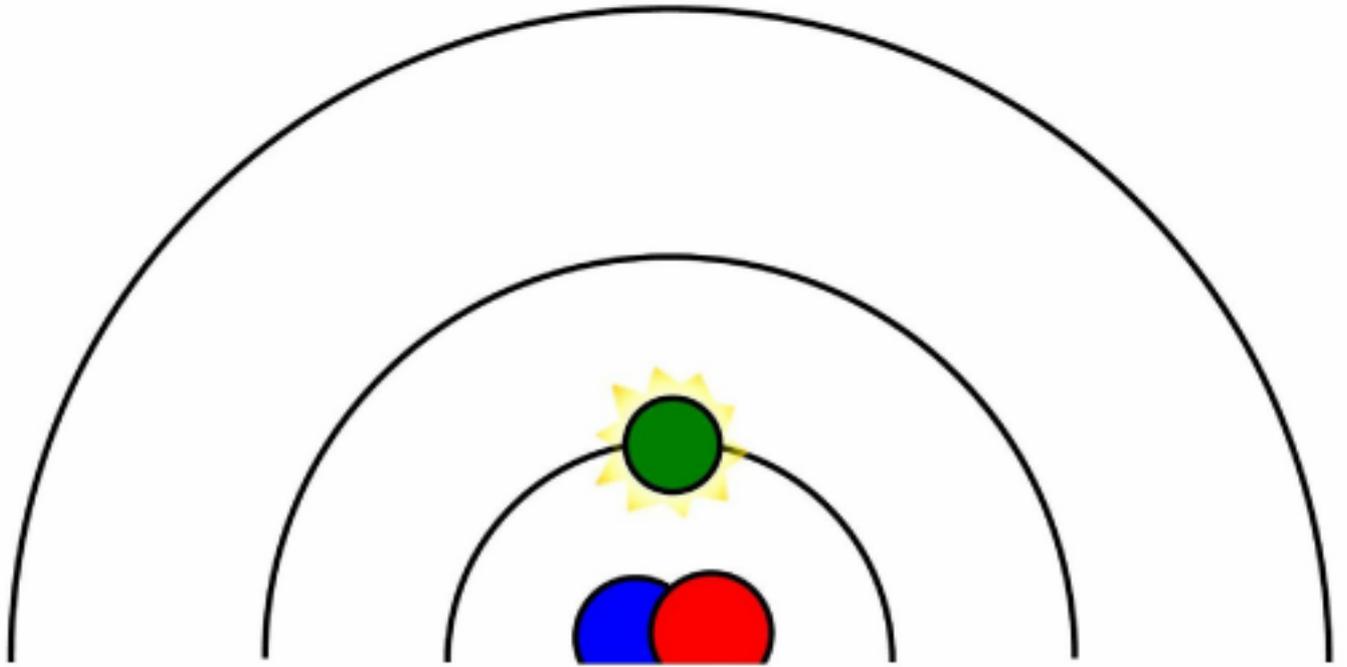
**This electron has
the most energy.**



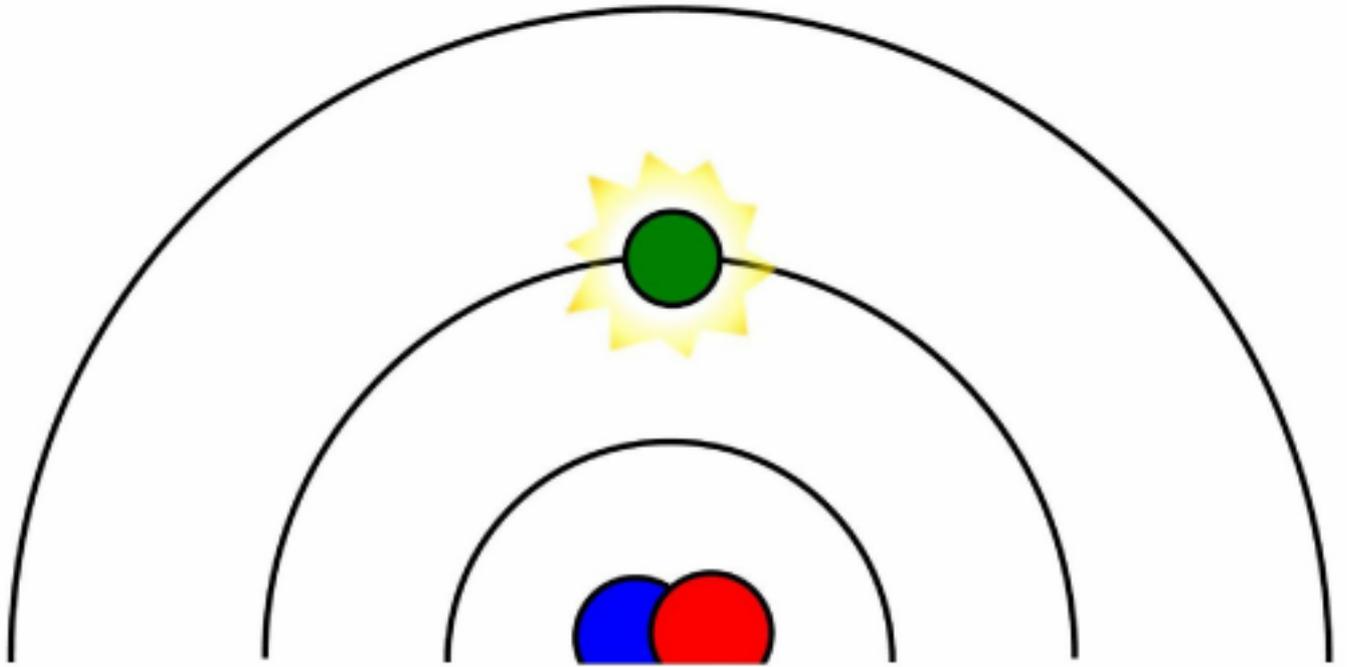
**This electron has
the least energy.**



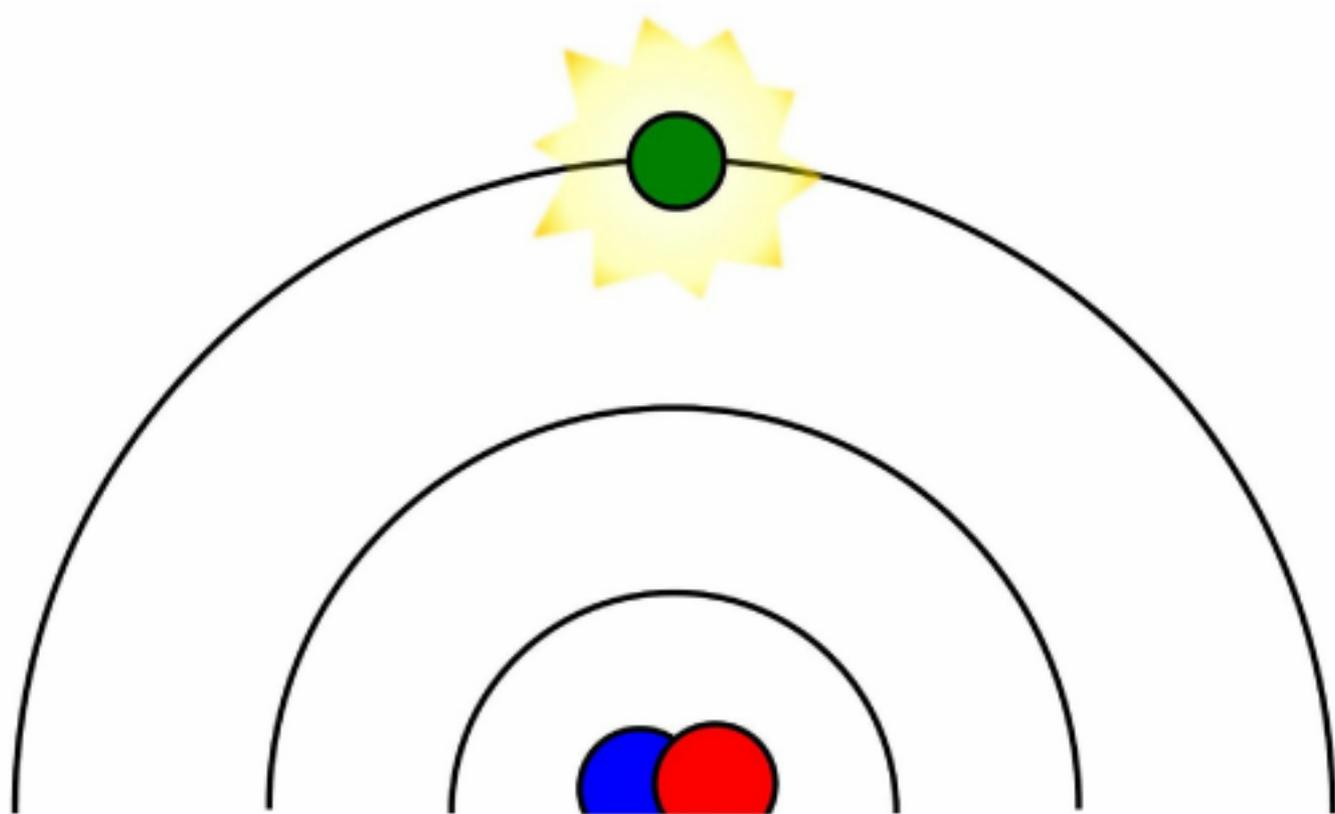
Energy is quantized.



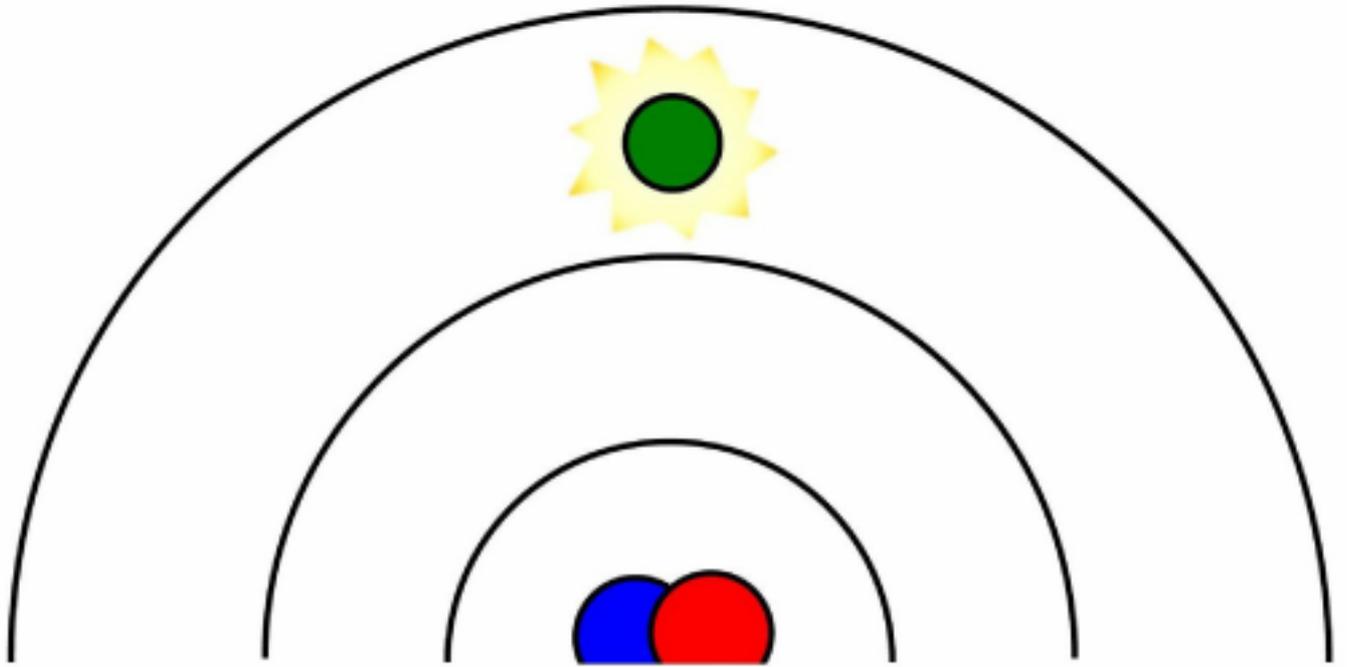
**An electron can
be here.**



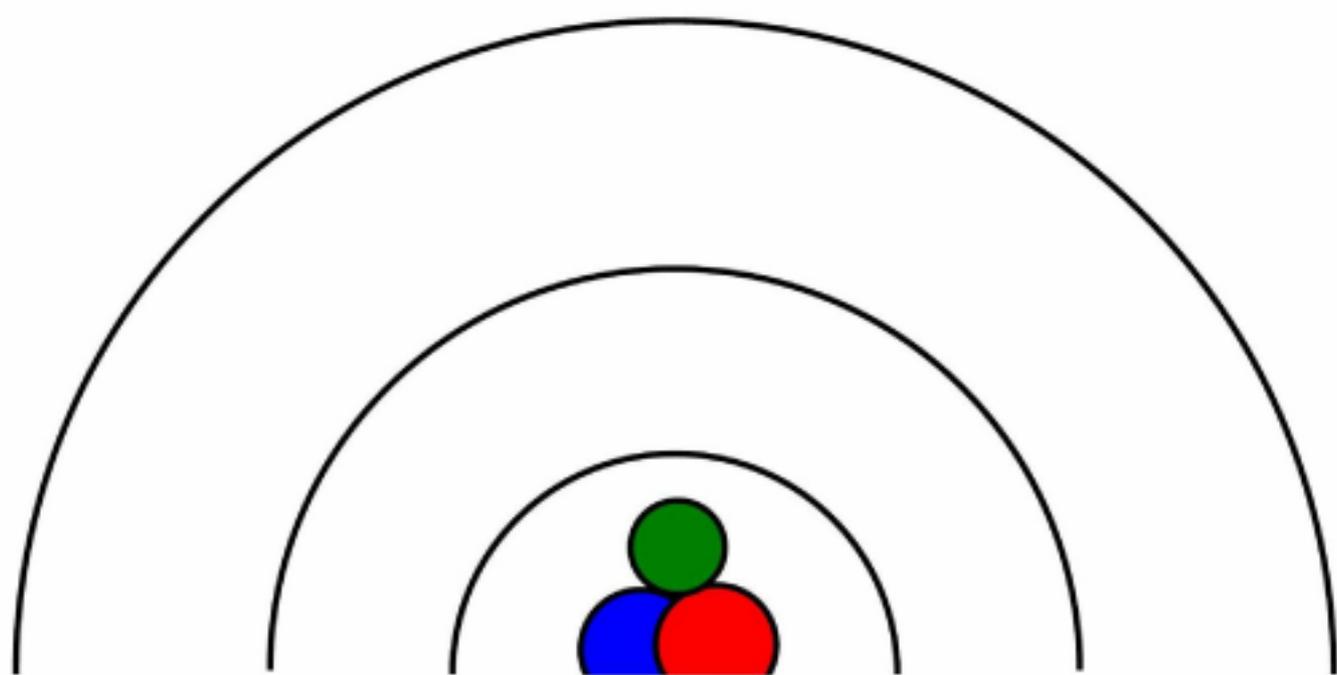
Or here.



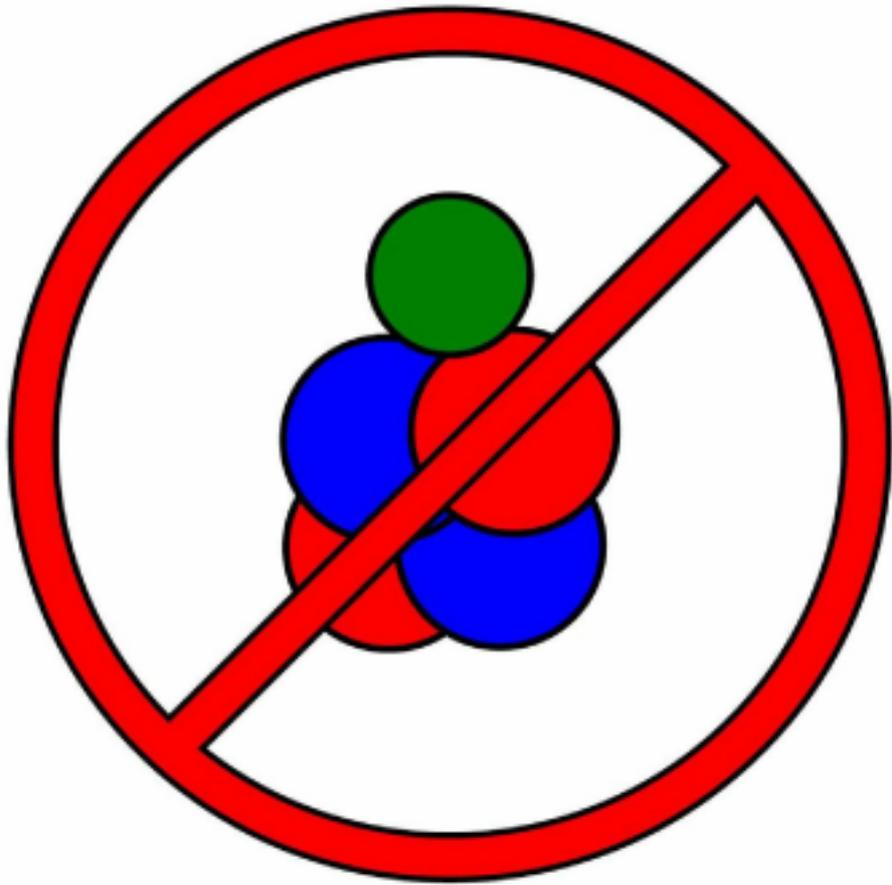
Or here.



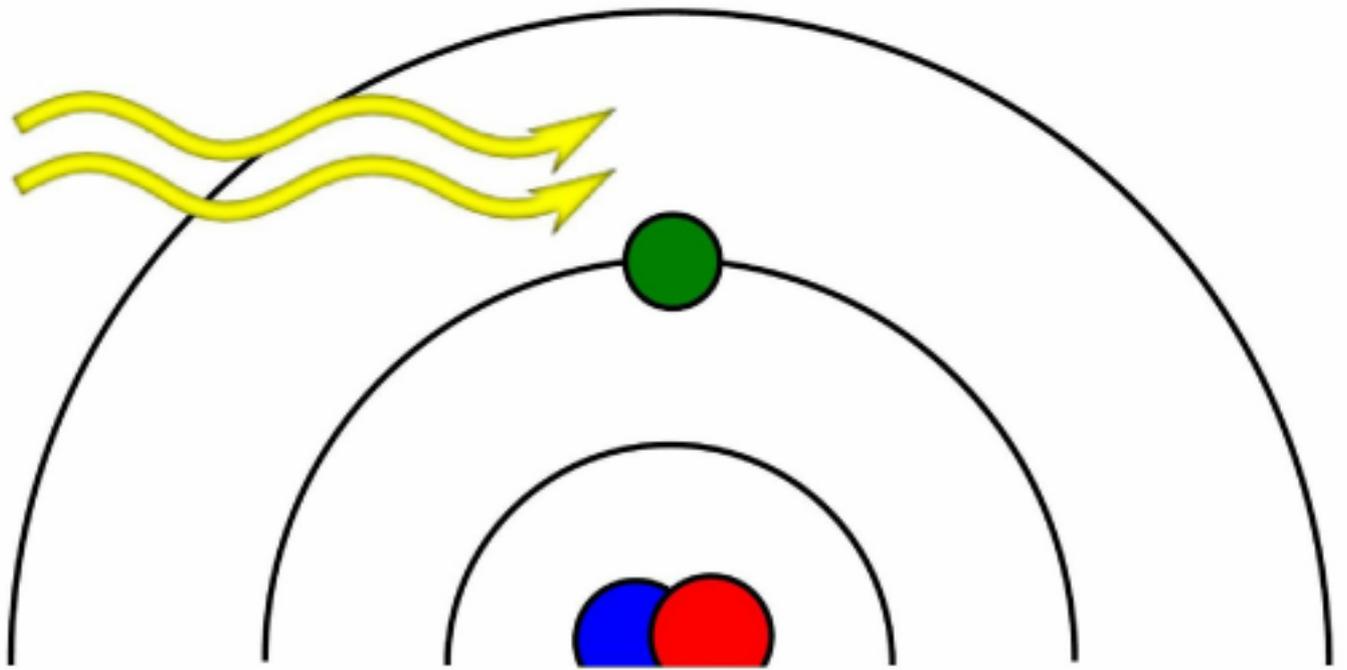
But not here.



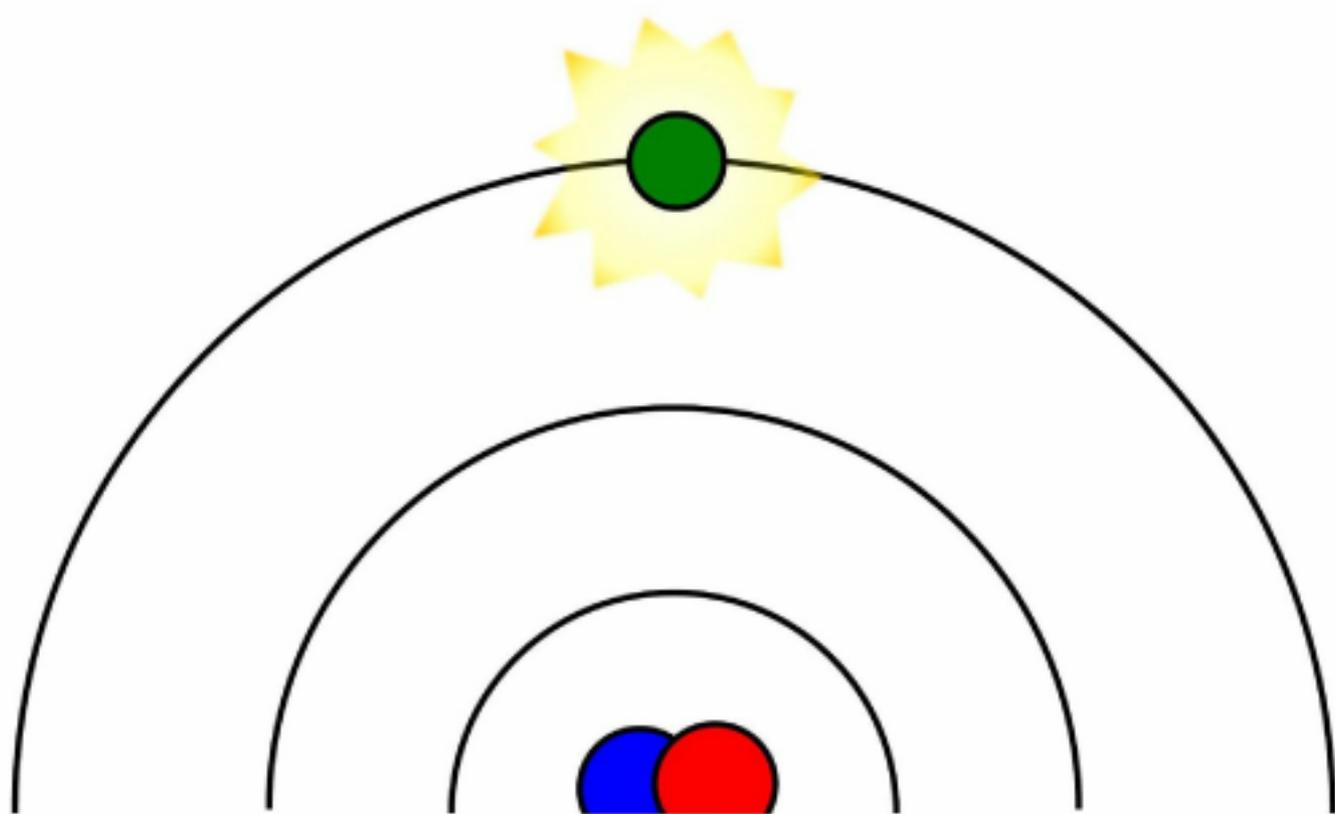
Or here.



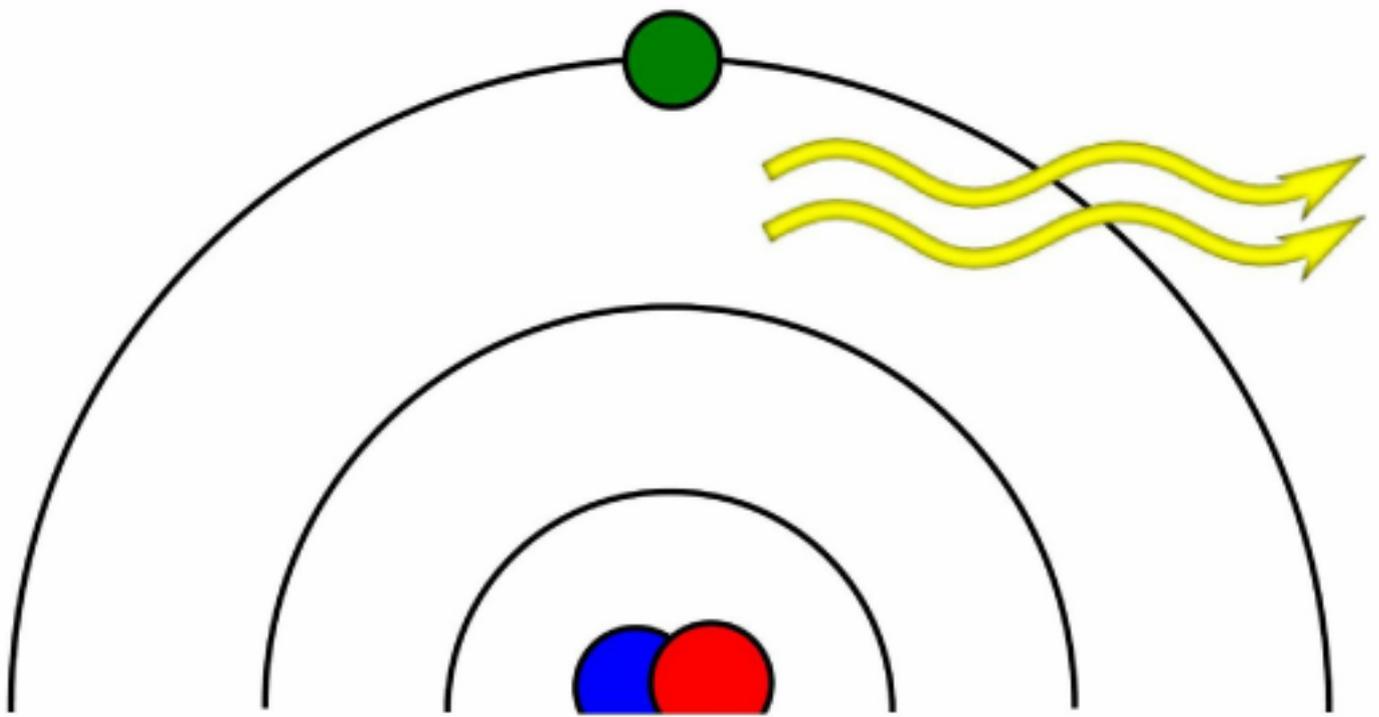
There are no **electrons with zero energy.**



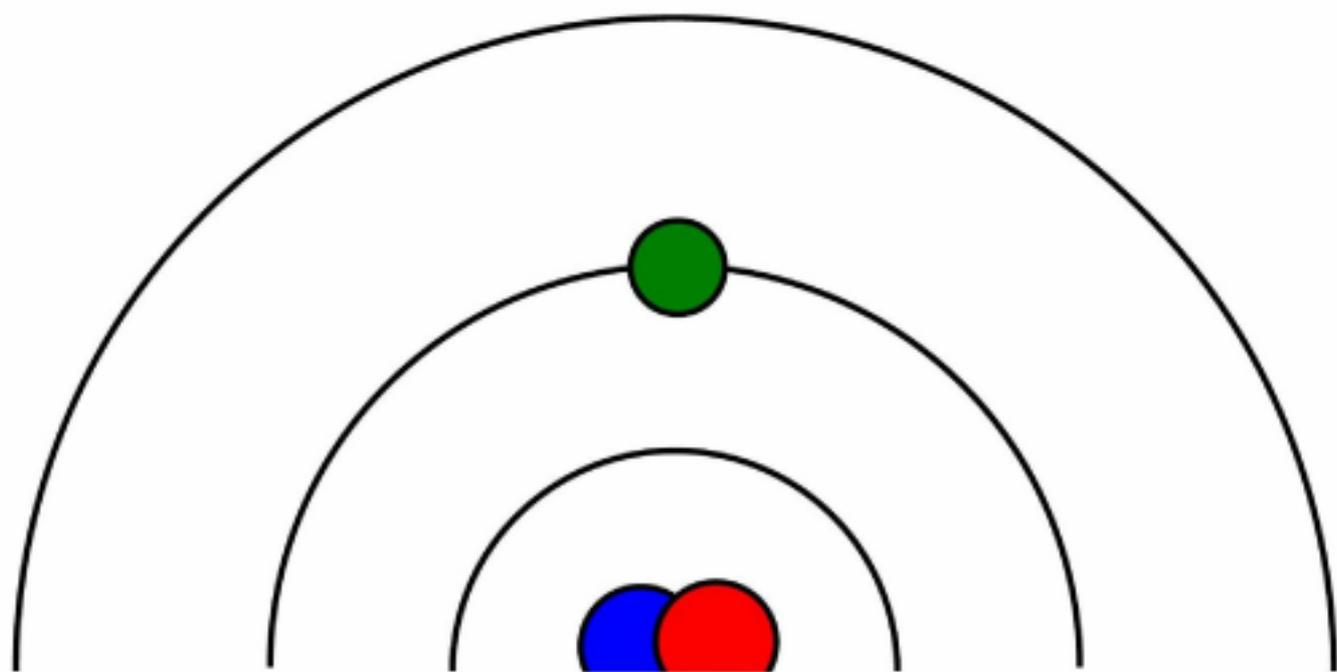
**An electron can
take energy.**



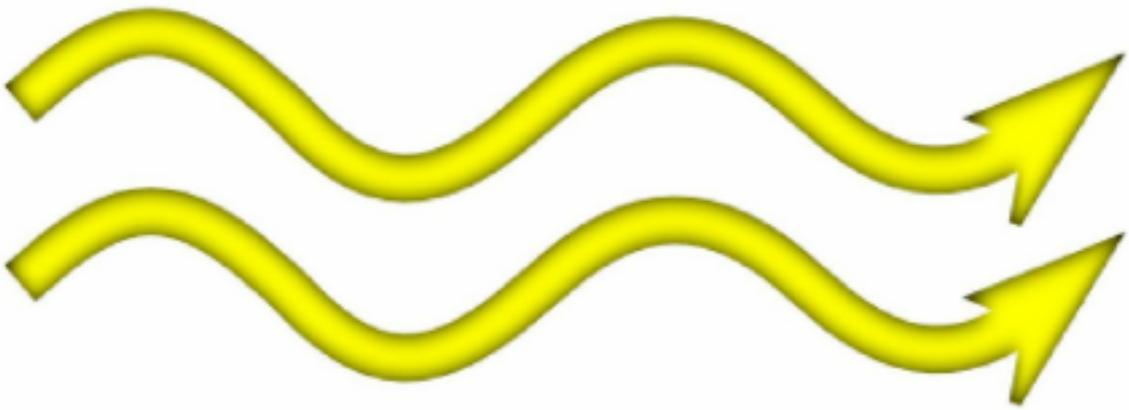
To jump up.



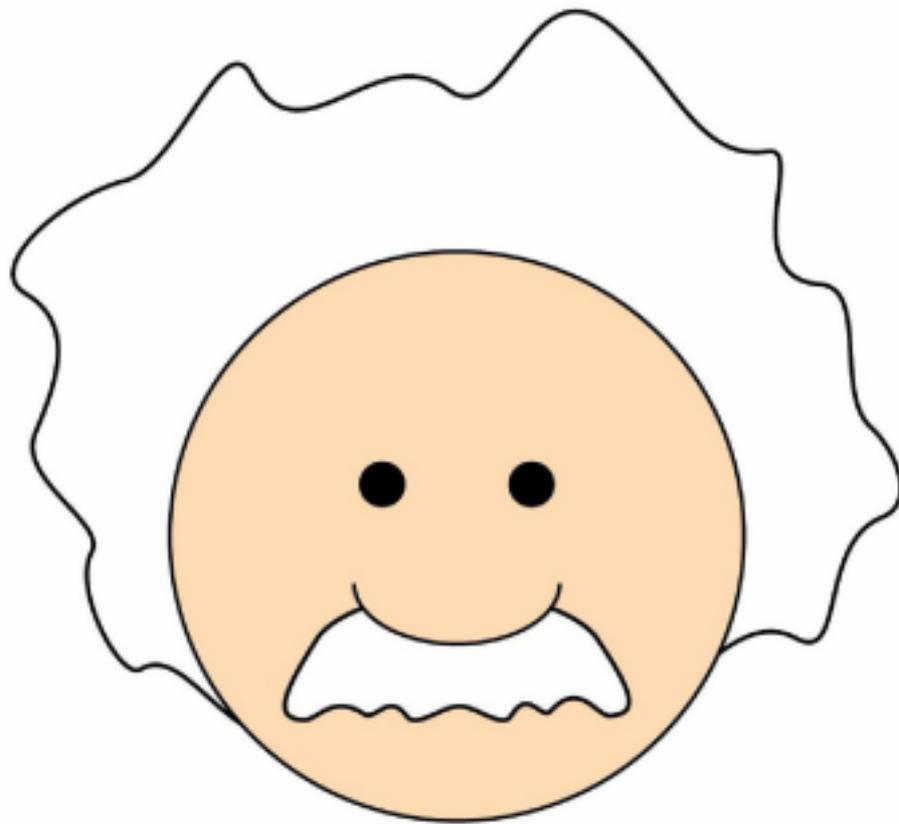
**And must give
energy.**



To fall down.



**This amount of
energy is a quanta.**



**Now you are a
quantum physicist.**