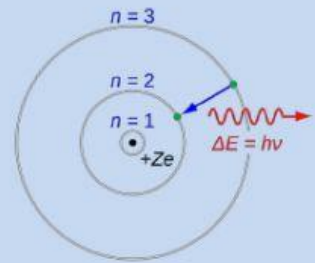


ACORDING TO THE BORH ATOPIC MODEL, FILL THE GAPS WITH THHE CORRECT WORD



RADIATION

ELECTRONS

ORBITS

ENERGY

In 1913, Bohr proposed his *quantized shell model of the atom* to explain how can have stable orbits around the nucleus.

To remedy the stability problem, Bohr modified the Rutherford model by requiring that the electrons move in of fixed size and energy

can occur only when the electron jumps from one orbit to another.

The of an electron depends on the size of the orbit and is lower for smaller orbits.