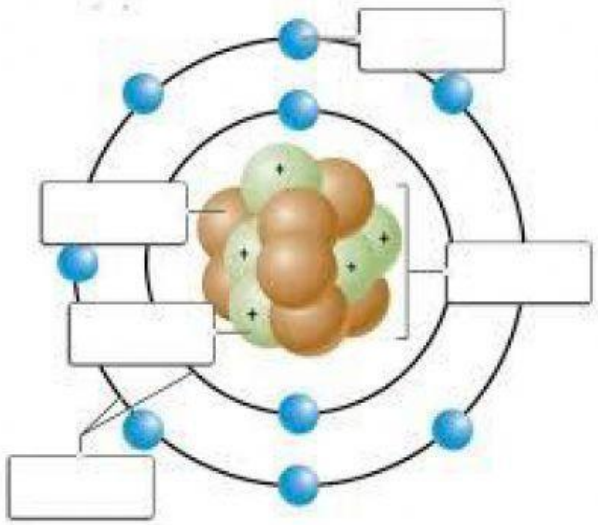
Label the following diagram:

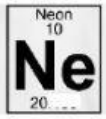


Choose the correct answers:

Physical properties | Shells | Noble gases | Chemical properties | Electrons | 8

1) The number of shells affect the _____ of an element, while the number of electrons on the outermost shell affects the _____ of an element.
2) Elements in the same group have the same number of _____ in their outermost shell, while elements of the same period have the same number of _____.
3) All elements want to be stable like the _____, and to do so, they need _____ electrons on their outermost shell.

Complete:



Neon has _____ protons, _____ neutrons and _____ electrons. It is highly _____.

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