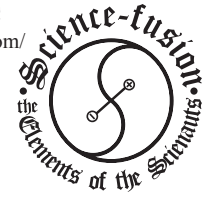




Directions: Add the number of protons of each element and name the element.


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Metals - Appear shiny, high density & melting points, and thermal & electrical conductors.


1.
$$\begin{array}{r} 2 \\ 8 \\ + 3 \\ \hline \end{array}$$
 ATN _____
Element _____



2.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ + 3 \\ \hline \end{array}$$
 ATN _____
Element _____


3.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ 18 \\ + 3 \\ \hline \end{array}$$
 ATN _____
Element _____



4.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ 18 \\ + 4 \\ \hline \end{array}$$
 ATN _____
Element _____



5.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ 32 \\ 18 \\ + 3 \\ \hline \end{array}$$
 ATN _____
Element _____



6.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ 32 \\ 18 \\ + 5 \\ \hline \end{array}$$
 ATN _____
Element _____



7.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ 32 \\ 18 \\ + 4 \\ \hline \end{array}$$
 ATN _____
Element _____



NonMetals - Poor thermal & electrical conductors, fragile solids, and easily gains electrons.


8.
$$\begin{array}{r} 1 \\ + 0 \\ \hline \end{array}$$
 ATN _____
Element _____


9.
$$\begin{array}{r} 2 \\ + 4 \\ \hline \end{array}$$
 ATN _____
Element _____


10.
$$\begin{array}{r} 2 \\ + 5 \\ \hline \end{array}$$
 ATN _____
Element _____


11.
$$\begin{array}{r} 2 \\ + 6 \\ \hline \end{array}$$
 ATN _____
Element _____


12.
$$\begin{array}{r} 2 \\ 8 \\ + 6 \\ \hline \end{array}$$
 ATN _____
Element _____


13.
$$\begin{array}{r} 2 \\ 8 \\ + 5 \\ \hline \end{array}$$
 ATN _____
Element _____


14.
$$\begin{array}{r} 2 \\ 8 \\ 18 \\ + 6 \\ \hline \end{array}$$
 ATN _____
Element _____
