

In the space below, write the unabbreviated electron configurations of the following elements:

8  
**O**  
oxygen  
16.0

11  
**Na**  
sodium  
23.0

26  
**Fe**  
iron  
55.8

35  
**Br**  
bromine  
79.9

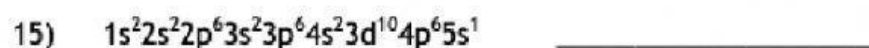
56  
**Ba**  
barium  
137.3

7  
**N**  
nitrogen  
14.0

17  
**Cl**  
chlorine  
35.5



Determine what elements are denoted by the following electron configurations:



16  
**S**  
sulfur  
32.1

37  
**Rb**  
rubidium  
85.5

51  
**Sb**  
antimony  
121.8