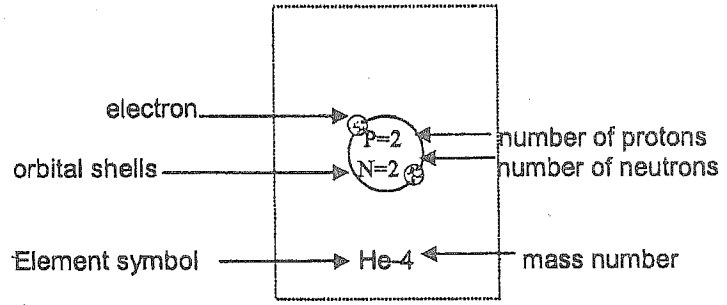
BOHR DIAGRAM WORKSHEET NAME:

Draw and complete the following **Bohr Diagrams** for the first twenty elements. Some have been set-up for you. Label the families and number of valence electrons in each group.



1 energy level

P=1 H -1							P=2 N=2 He-4

2 energy levels

P=3 N=4 Li-7	P=4 N=5 Be-9	P=5 N=6 B-11	P=6 N=6 C-12	P=7 N=7 N-14	P=8 N=8 O-16	P=9 N=10 F-19	P=10 N=10 Ne-20

3 energy levels

P=11 N=12 Na-23	P=12 N=12 Mg-24	P=13 N=14 Al-27	P=14 N=14 Si-28	P=15 N=16 P-31	P=16 N=16 S-32	P=17 N=18 Cl-35	P=18 N=22 Ar-40

4 energy levels

P=19 N=21 K-39	P=20 N=20 Ca-40