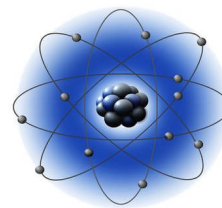


Name: _____ Date: _____
Chemistry

Worksheet



Bonds and Charges

Determine the charge of each of the following elements.

_____ Ca	_____ S	_____ N	_____ Na
_____ B	_____ O	_____ Al	_____ F
_____ Cr	_____ As	_____ Li	_____ Pb
_____ K	_____ Ga	_____ P	_____ Sr
_____ Zn	_____ Br	_____ Sb	_____ Au

Determine the possible bonds of each of the following elements.

_____ Ca	_____ S	_____ N	_____ Na
_____ B	_____ O	_____ Al	_____ F
_____ Cr	_____ As	_____ Li	_____ Pb
_____ K	_____ Ga	_____ P	_____ Sr
_____ Zn	_____ Br	_____ Sb	_____ Au

DIRECTIONS: Write the quantum numbers for the 11th and 12th electron in magnesium

n = _____ l = _____ m_l = _____ m_s = _____

n = _____ l = _____ m_l = _____ m_s = _____

***"Resolve to be a master of change rather than a victim of change."
-- Brian Tracy***