CH 221
Sample Quiz #3   Name: _____   Lab Section: _____
Answers

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1. How many moles are in 10.227 kg of Mo? (3 points)

    106.57 mol Mo

2. How many moles of boron can be found in $3.212*10^7$ atoms of boron? (3 points)

    $5.334*10^{-17}$ mol B

3. List all the elements in the periodic table that exist naturally as diatomic molecules. (4 points)

    H N F O I Cl Br

4. Write the correct formula for each of the following compounds. (4 points)

    KBr
    $Ca(OH)_2$
    CrO
    N_2O_3

5. Write the correct name for each of the following compounds. (6 points)

    lithium sulfide
    zirconium(II) nitrate
    arsenic pentachloride
    strontium oxide
    potassium carbonate
    selenium tetrafluroride