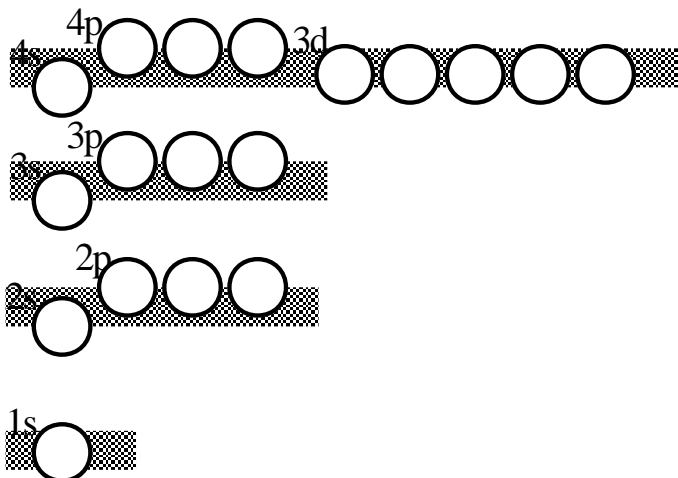
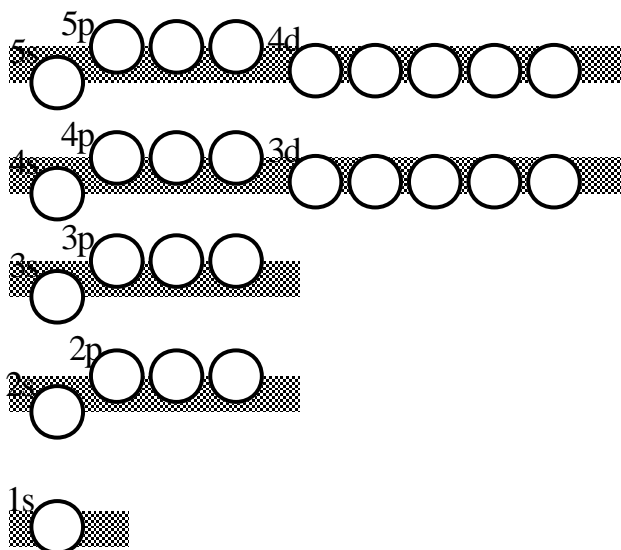


Correctly fill in the orbital diagram below for Manganese ion ( $Mn^{2+}$ ), which has \_\_\_\_\_ electrons.



Correctly fill in the orbital diagram below for Molybdenum, Mo, which has \_\_\_\_\_ electrons.



These elements are in Period \_\_\_\_\_. List them from least to most paramagnetic: \_\_\_\_\_ < \_\_\_\_\_ < \_\_\_\_\_

