Mini-quiz 16 Chem 1013 27 March 2013 8 pts

Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Write the **abbreviated** electronic configuration for: (1 pt each)

Ca [Ar] 4s2

Ge [Ar] 3d104s24p2

Write the correct pigeonhole representation for the elements and charged species below: (2 pts each)

core

Cu [ Ar ]

Cu+1 [ Ar ]

Ni [ Ar ]

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