**Mini-quiz #10 Chemistry 1114 section 2 (Fong) Friday 21 Sept 2012**

Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_/4 pts

Thinking like Mendeleev- Russian chemistry rock star

Fill in the missing data for the two proposed elements, Meney and Moe below: (2 pts per line)

(make sure to follow the rules for assigning symbols. Mo is already taken by Molybdenum)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ‘Element’ name | Symbol | Average mass | Density  | Common oxide | MeltingPoint | Reactivities |
| Eennie | Ee | 350 | 4 g/mL | EeO3 | 1100 oC | Burns in air |
| Meney (proposed) | Me | 450 | 6 | MeO3 | 1200 | Burns in air |
| Minnie | Mi | 550 | 8 | MiO3 | 1300  | Burns in air |
| Moe (proposed) | Mu  | 650 | 10 | muO3 | 1400 | Burns in air |

 (can’t be Mo)