**Dougherty Valley HS AP Chemistry**

**S-90**

**Electrochemistry**

**Quick Check #3**

**Name: Date: Period: Seat #:**

**Try these problems. If you can DO them, check the box . If you CANNOT do them, write some notes TO YOURSELF about what you need to study to succeed at these problems.**

🞎 Write a balanced chemical equation for the reaction of Rubidium reacting with water:

🞎 Which chemical above went through OXIDATION? \_\_\_\_\_\_\_\_\_ (Show it)

🞎 Which chemical above went through REDUCTION? \_\_\_\_\_\_\_\_\_ (Show it)

🞎 Of the two elements Rubidium, Rb and Cesium, Cs, which one would you expect   
 to have a faster reaction with water? Explain why?

🞎 Write the balanced chemical equation for the reaction of barium metal with water:

🞎 What would the addition of the acid/base indicator, phenolphthalein indicate?