

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?