

A. Answer the following questions concisely.

1. Consider the following reaction.



- a. Which compound was oxidized? Explain.
- b. Which was reduced? Explain.

2. What is the significance of redox reactions in energy production?

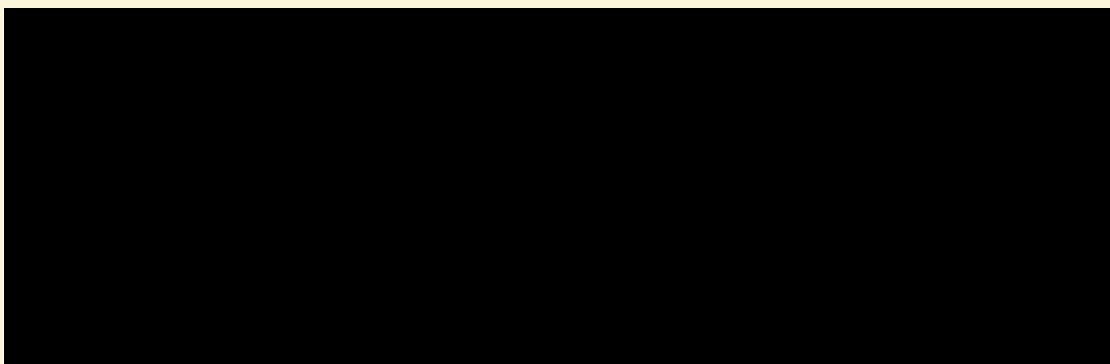
B. Form into groups. Prepare the needed material and play the “Game of Redox” with your group mates (game adapted from www.thescienceteacher.co.uk).

MATERIAL

- any ball (e.g., tennis ball, basketball, or volleyball)

GAME MECHANICS

1. Arrange yourselves to form one big circle. If there is not enough space inside the classroom, this game can be done outside (with the permission of your teacher).
2. Your teacher will stand at the center of the circle, holding the ball. The ball represents an electron.



6. Do the following after the activity:
 - a. Summarize the main concepts about redox that you learned from the game.
 - b. Discuss how the game helped you have a clearer grasp of these concepts.