OXIDATION REDUCTION INTRODUCTION

(BASED ON THE FOLLOWING VIDEOS)

https://www.youtube.com/watch?v=ONp4NwT3O7U

https://www.youtube.com/watch?v=W4-LMBx9AFs

https://www.youtube.com/watch?v=bkfrLHkvtk8

https://www.youtube.com/watch?v=5rtJdjas-mY

1. Oxidation is the _____ of electrons, the _____ of hydrogen and the _____ of oxygen.
2. Reduction is the _____ of electrons, the _____ of hydrogen and the _____ of oxygen.
3. What acronym can you use to remember the definitions of oxidation and reduction?

   _____ _____
4. An oxidizing agent is one that _____ electrons and itself becomes _____ (oxidized/ reduced)
5. A reducing agent is one that _____ electrons and itself becomes _____ (oxidized/ reduced)
6. Give an everyday example of oxidation or reduction.

   _____
7. What is patina? _____
8. How can one prevent corrosion?

   _____
9. What is galvanizing? _____
10. What is electroplating? _____