TEST FOUR – Chapters 6, 7, 8 and 9 PERIODIC TABLE, CHEMICAL FORMULAS, & BONDING

Possible Review Problems

- ☐ p.160 Section Assessment #1-7
- ☐ p.181 Reviewing Content #24-29
- ☐ p.167 Practice Problems #8, 9
- ☐ p.167 Section Assessment #10-15
- ☐ p.181 Reviewing Content #30-35
- ☐ Appendix R2-R45
- ☐ p.178 Section Assessment #16-23
- ☐ p.181 Reviewing Content #36-46
- ☐ p.256 Practice Problems #1, 2
- ☐ p.258 Section Asssessment #3-9
- ☐ p.281 Reviewing Content #42-46
- ☐ p.263-265 Practice Problems #10-13
- ☐ p.266 Section Assessment #14-19
- ☐ p.281 Reviewing Content #47-53
- ☐ p.270 Section Assessment #20-25
- ☐ p.281 Reviewing Content #54-57
- ☐ p.193 Practice Problems#1, 2
- ☐ p.193 Section Assessment #3-11
- ☐ p.207 Reviewing Content #30-40
- ☐ p.196 Practice Problems #12, 13
- ☐ p.199 Section Assessment #14-22
- ☐ p.207 Reviewing Content #41-47
- ☐ p.216 Section Assessment #1-6
- ☐ p.220 Practice Problems #7, 8
- ☐ p.247 Reviewing Content #39-41
- ☐ p.229 Section Assessment #13-24
- ☐ p.225 Practice Problems #9-12
- ☐ p.247 Reviewing Content #42-52

- ☐ p.185 Test Prep. #1-12
- ☐ p.211 Test Prep. #1-13

Topics Covered

Metals, non-metals, metalloids, groups/families/columns, periods/rows, Element Handbook, periodic trends, ionization energy, electron affinity, atomic radius, electronegativity, ionic compounds, covalent compounds, writing formulas, oxidation numbers, Lewis Dots, the octet rule, ionic bonding, covalent bonding, bond polarity, percent ionic character

And as always, study your notes!