

### Classification Review Sheet Answers

1. Taxonomy is the science of classifying and naming living and extinct organisms
2. Show relationships among organisms, help to determine where an unknown organism would be located, organized
3. Genus species
4. So that no matter where a scientist is others always know which organism is being talked about
5. A group of organisms that can interbreed and produce fertile offspring
6. Heterotrophic organism must take in food while autotrophic organisms make their own food
7. Heterotrophic or autotrophic, multicellular or unicellular, prokaryotic or eukaryotic
8. 8; Domain, Kingdom, phylum, class, order, family, genus, species
9. Family
10. Mammals
11. Families are grouped into orders
12. Monera or Archaeobacteria and Eubacteria
13. Kingdom and Domain
14. Phylum and kingdom and domain
15. Species
16. Panthera leo and Panthera tigris
17. a) Plant      b) protists      c) animal      d) Monera      e) Fungi      f) plant
18. Protista