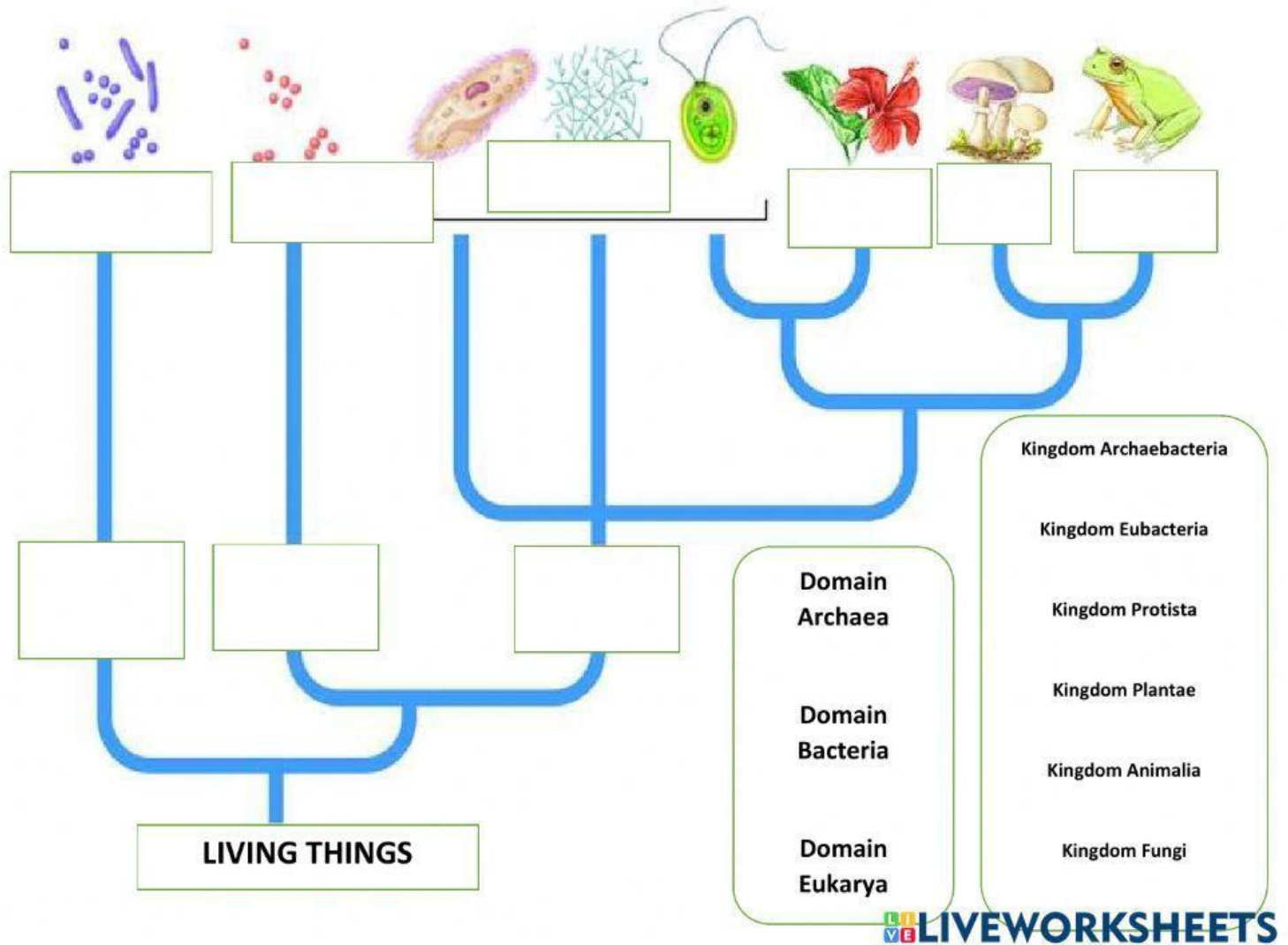


**PRACTICE: SIX KINGDOMS OF LIFE** – Drag and drop the appropriate boxes to arrange them from the most simple to the most complex (left to right).



| 3 Domains                                 | Domain Archaea                                                                                                                            | Domain Bacteria                                   | Domain Eukarya                                   |                          |                       |                           |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|--------------------------|-----------------------|---------------------------|
| 6 Kingdoms                                | Kingdom Archaeobacteria                                                                                                                   | Kingdom Eubacteria                                | Kingdom Protista                                 | Kingdom Fungi            | Kingdom Plantae       | Kingdom Animalia          |
| Examples of Organisms                     | <i>Extremophiles</i> – love the extremes!!!<br><i>Halophiles</i> – loves salty environment<br><i>Thermophiles</i> – loves hot environment | <i>E. coli</i><br><i>Streptococcus pneumoniae</i> | Algae, diatoms, amoeba, paramecium               | Lichen, yeast, mushrooms | Trees, flowers, grass | Sponges, insects, mammals |
| 1.Cell Type                               |                                                                                                                                           |                                                   |                                                  |                          |                       |                           |
| 2.Cell Wall                               |                                                                                                                                           |                                                   |                                                  |                          |                       |                           |
| 3.Number of Cells                         |                                                                                                                                           |                                                   |                                                  |                          |                       |                           |
| 4. Nutrition                              | Some are autotrophic; some are heterotrophic                                                                                              | Some are autotrophic; some are heterotrophic      | Some are autotrophic; some are heterotrophic     |                          |                       |                           |
| 5. Reproduction                           | Mostly asexual thru Binary fission                                                                                                        | Mostly asexual thru Binary fission                | Sexual and asexual                               | Sexual and asexual       | Sexual and asexual    | Sexual and asexual        |
| 6. Motility-ability to move independently | Some are motile (moves); some are not = some are sessile                                                                                  | Some are motile; some are not; some are sessile   | Some are motile; some are not = some are sessile |                          |                       |                           |