

Cell Specialization

1. In multicellular organisms, each cell may perform _____.
2. Without cell specialization, the _____ of multicellular organisms could not have occurred.

Tissues, Organs, and Organ Systems

1. Cells in multicellular organisms are _____ to perform _____ for the organism.
2. Within a multicellular organism there is a _____.
3. The first level of organization is _____.
4. Cells that are similar in structure and function are usually joined together to form _____. This is Level _____.
5. Examples of tissues include:
 - a. _____
 - b. _____
6. Level Three: In general, tissues are further organized into _____.
7. Organs are _____.
8. Examples of organs are:
 - a. _____
 - b. _____
9. Level Four: Organs cooperate with one another and form specific _____.
10. An organ system is _____.
11. Level Five: An _____ is an entire living thing that carries out all the basic life functions.
12. Examples of organisms:
 - a. _____
 - b. _____
13. The 5 Levels of Organization from Simple to Complex:
 1. _____
→ 2. _____
→ 3. _____
→ 4. _____
→ 5. _____