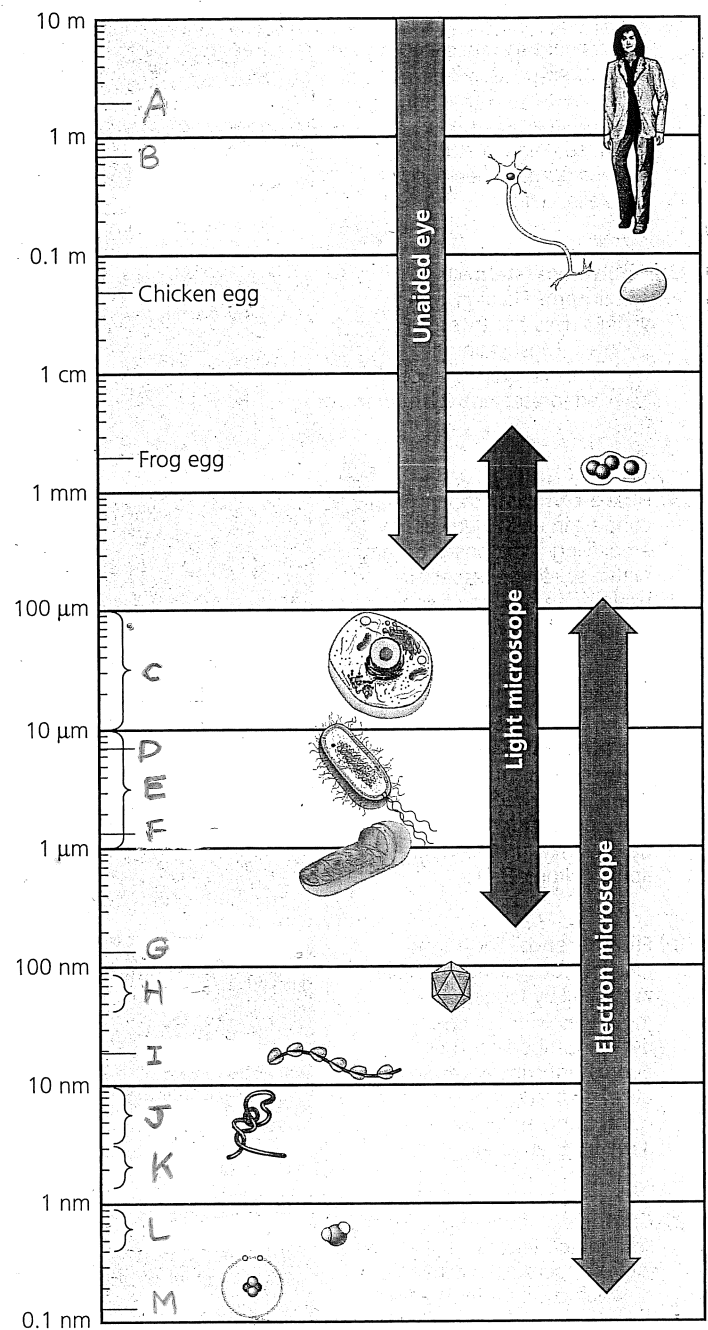
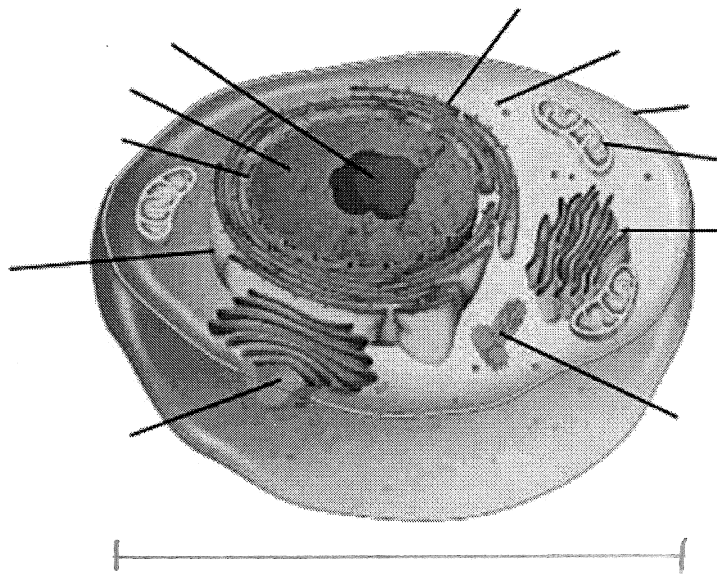
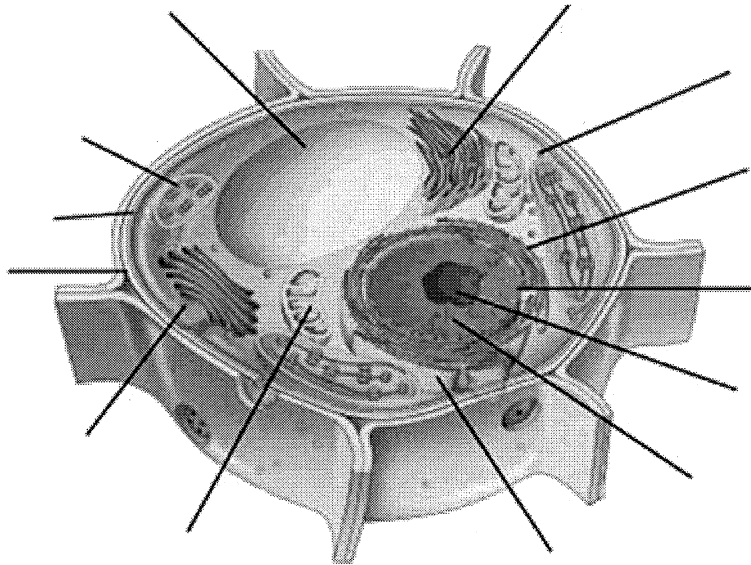


Match the label to the letter on the scale.

1. Proteins \_\_\_\_\_
2. Human height \_\_\_\_\_
3. Most plant and animal cells \_\_\_\_\_
4. Atoms \_\_\_\_\_
5. Mitochondrion \_\_\_\_\_
6. Viruses \_\_\_\_\_
7. Nucleus \_\_\_\_\_
8. Small molecules \_\_\_\_\_
9. Lipids \_\_\_\_\_
10. Most bacteria \_\_\_\_\_
11. Length of some nerve  
and muscle cells \_\_\_\_\_
12. Smallest bacteria \_\_\_\_\_
13. Ribosomes \_\_\_\_\_



Label the parts of the cells. List the function of the organelle. Identify each as a plant or animal cell.



Calculate the magnification of drawing of the cell. The actual size under a microscope was measured to be 85  $\mu\text{m}$ .