1. The cell membrane is composed primarily of which of the following?
   1. phospholipids
   2. cholesterol
   3. carbohydrates
   4. amino acids
2. Which of the following is NOT considered "passive transport"?
   1. endocytosis
   2. diffusion
   3. facilitated diffusion
   4. osmosis
3. In a HYPOTONIC solution, which of the following is TRUE?
   1. There is MORE solute (per unit volume) outside the cell than inside the cell
   2. There are MORE water molecules (per unit volume) inside the cell than outside the cell
   3. The cell will swell
   4. ions rush INTO the cell
4. Vesicles are enclosed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
   1. secretory molecules
   2. white blood cells
   3. a protective coat
   4. a phospholipid bilayer
5. White blood cells that "eat" harmful substances, do so by using which of the following methods?
   1. exocytosis
   2. pinocytosis
   3. phagocytosis
   4. facilitated diffusion
6. Which of the following is NOT a type of 'endocytosis'?
   1. phagocytosis
   2. pinocytosis
   3. facilitated osmosis
   4. receptor-mediated endocytosis
7. Lipids are formed in which of the following organelles?
   1. the nucleolus
   2. the rough ER
   3. the smooth ER
   4. the Golgi body
8. Gap junctions are PRIMARILY used for which of the following?
   1. limit tissue locomotion
   2. anchor cells together
   3. communication between cells
   4. create a barrier between cells
9. Which of the following is NOT one of the muscle tissue types?
10. skeletal muscle
11. smooth muscle
12. cardiac muscle
13. contraction muscle
14. Which of the following is the BEST definition of 'metabolism'?
    1. Metabolism is the breaking down of molecules into usable energy.
    2. Metabolism is ALL of the chemical reactions in the body
    3. Metabolism is the building up of smaller monomers into polymers.
    4. Metabolism is essentially the same thing as 'digestion'