In and out of cells

1. Diffusion is an example of:
   - exocytosis
   - passive transport
   - osmosis
   - active transport

2. Active transport involves:
   - cells using energy
   - molecules moving down a concentration gradient
   - molecules moving by osmosis
   - cells producing energy

3. In phospholipids, one fatty acid molecule is replaced by:
   - propanoic acid
   - stearic acid
   - ethanoic acid
   - phosphoric acid

4. One of the following is not a role of intrinsic and extrinsic proteins:
   - osmosis
   - hormone receptors
   - pores allowing diffusion of small particles
   - facilitated diffusion

5. Triglycerides are formed from a reaction between:
   - glycerine and amino acids, phosphoric acid or simple sugars
   - glycerol and amino acids, phosphoric acid and complex sugars
   - glycerol and fatty acids, phosphoric acid or simple sugars
   - glycerine and fatty acid, phosphoric acid or complex sugars