

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