

# 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