

2 Moving substances across the membrane – Part 2 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 from high concentration to low concentration (down the gradient).

2.2 osmosis is the diffusion of water across a selectively permeable membrane, from a weaker to a stronger solution.

2.3 it loses water and shrinks, because water leaves the cell by osmosis toward the stronger solution outside.

2.4 energy (ATP) and a carrier protein (it moves particles against the gradient).

2.5 endocytosis.