

Transport in cells recall questions

1. Say three ways substances can move across a cell membrane.
2. Which one of these ways requires energy? What process provides this energy?
3. What are two other substances that diffuse in humans?
4. What three factors affect the rate of diffusion?
5. Say 2 organs in humans, one organ in fish and two organs in plants that are adapted for exchanging materials.
6. What does osmosis happen across?
7. What do plant root hairs absorb using active transport?
8. Why do plants need these?
9. What substance do we absorb from our gut into our blood using active transport?
10. Why is this substance important?

Transport in cells recall answers

1. Diffusion, osmosis and active transport.
2. Active transport, respiration.
3. Carbon dioxide and glucose?
4. Surface area, distance, concentration gradient.
5. The lungs and the small intestine, the gills, the roots and the leaves.
6. A partially permeable membrane.
7. Mineral ions.
8. For making amino acids, for making proteins, for growth.
9. Glucose.
10. Needed for respiration.