Compare Cell Transport

Grades 9-10 | Biology | On grade level

Learner: _____ Date: _____

Classify each as DIFFUSION, OSMOSIS, FACILITATED DIFFUSION, or ACTIVE TRANSPORT. Explain the concentration or energy clue.

Water crosses a membrane toward higher solute concentration.

Answer: _____

Oxygen moves from high concentration to low concentration.

Answer: _____

Glucose moves down its gradient through a membrane protein.

Answer: _____

A pump uses ATP to move ions against their gradient.

Answer: _____

Carbon dioxide leaves a cell down its concentration gradient.

Answer: _____

Water enters a cell through aquaporin proteins.

Answer: _____

Grown-up check: osmosis; diffusion; facilitated diffusion; active transport; diffusion; osmosis.

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