NEWFOUNDLAND AND LABRADOR BIOLOGY 2201 · UNIT A · 5 QUESTIONS

Matter and Energy for Life — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Think about the idea. The monomer or building block of protein is**

- A amino acid
- B glucose
- C fatty acid
- D nucleotide

Understand It with Pulse | Flag a mistake

2 **Recall the idea. An enzyme speeds a reaction by**

- A raising activation energy
- B lowering activation energy
- C being used up in the reaction
- D changing the products into reactants

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3 **Apply the idea. Diffusion moves particles from**

A lower concentration to higher concentration

B a cell to the nucleus only

C higher concentration to lower concentration

D water to salt only

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4 **Consider the idea in general. Osmosis is the diffusion of**

A glucose across a membrane

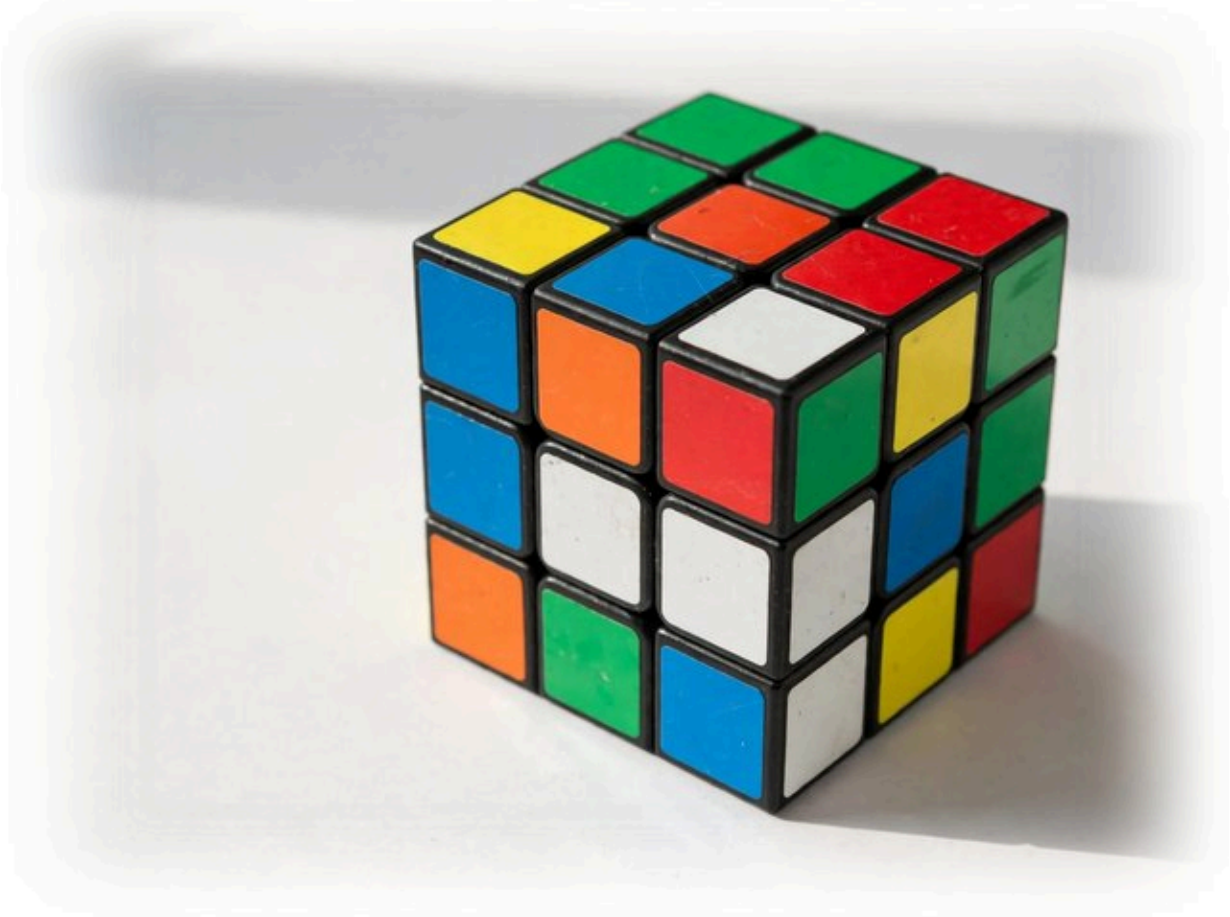
B proteins across a membrane

C salts out of a cell only

D water across a membrane

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5 **A colourful cube with scrambled coloured squares sits on a plain white surface. Review the idea. A cube shaped cell has side 4 units. Its surface area to volume ratio is**



ANSWER

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ANSWER KEY

1. A
2. B
3. C
4. D
5. 1.5

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