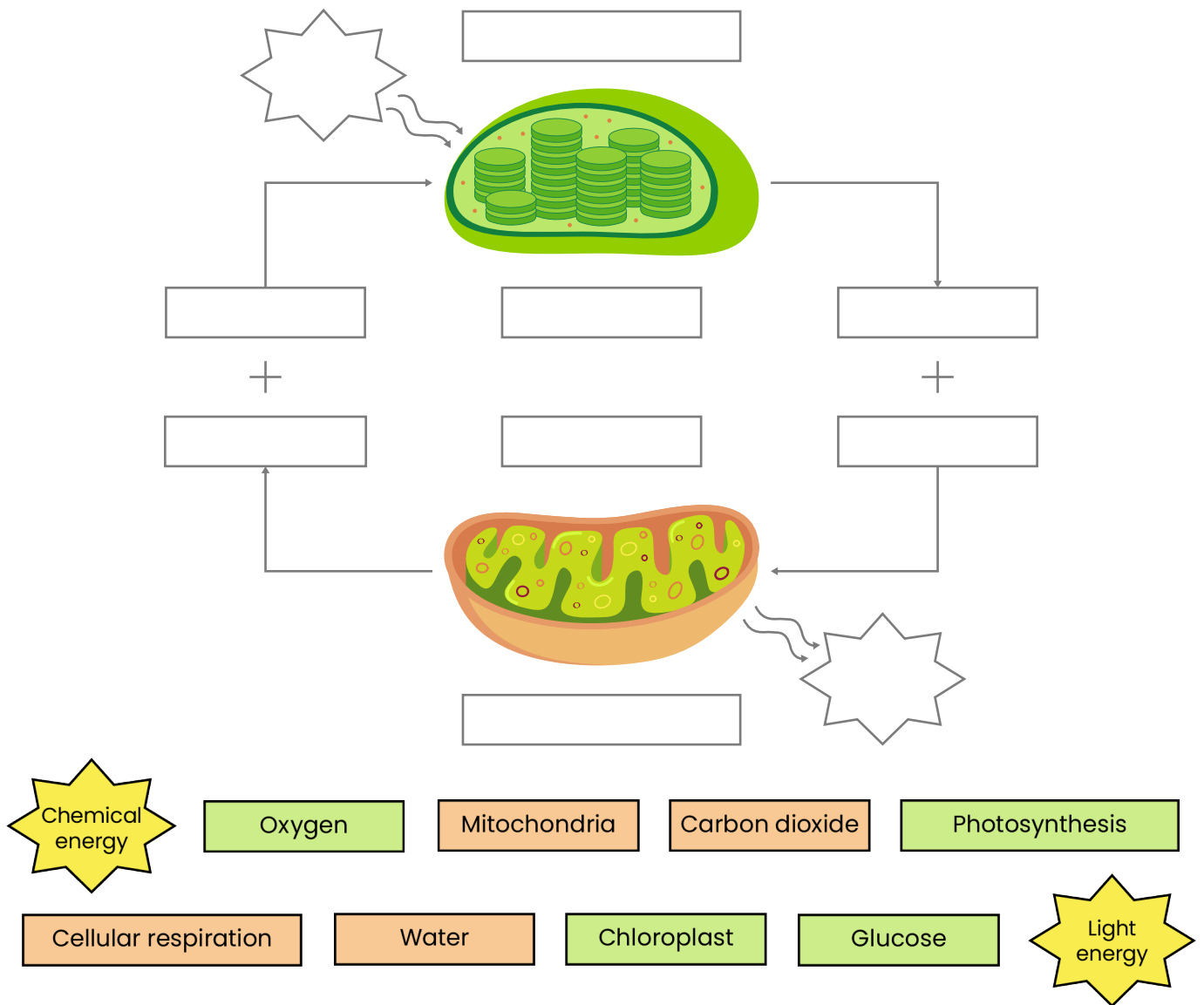


# Photosynthesis and Cellular Respiration



What is photosynthesis, and where does it primarily occur in plants?

Define cellular respiration and identify the organelle where it primarily occurs in eukaryotic cells.

How is energy from the sun captured and converted into chemical energy during photosynthesis?

What are the main reactants (inputs) required for cellular respiration?

Compare and contrast photosynthesis and cellular respiration in terms of their inputs, outputs, and overall purposes.

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