

## Inputs and outputs (energy, nutrients, waste)

STUDENT BOOK pp. 126, 160

1. True or false? If the statement is false, explain why.

a) A system can function without input.

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b) Output is everything that passes through a system.

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c) Outputs are produced while the system is functioning.

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d) Nutrients and waste are cell outputs.

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e) Energy can be a system input or output.

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f) The inputs and outputs used in photosynthesis are the same as those used for cellular respiration.

\_\_\_\_\_

2. Give examples of inputs and outputs for each living system listed.

Inputs	System	Outputs
a) Oxygen Glucose	Animal cell	_____ _____
b) _____ _____	Plant cell	_____ _____
c) _____ _____	Human being	_____ _____

3. Do all animal cells have the same inputs and outputs?

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