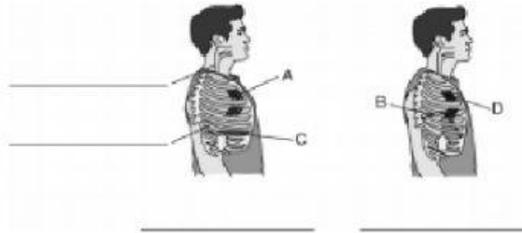


- a What process in your body needs oxygen? _____
- b What gas does this process produce? _____
- c In what process do these gases change places in the lungs? _____

- a Use words from the box to complete the labels on the diagrams.

exhalation	inhalation
lung	windpipe



- b The letters on the diagrams show how the muscles work when you breathe. Write the letters from the diagrams next to the correct descriptions below.

- | | |
|---|---|
| <input type="checkbox"/> Muscles relax and the ribs move back down. | <input type="checkbox"/> Muscles contract and pull the ribs up and out. |
| <input type="checkbox"/> The diaphragm relaxes and rises. | <input type="checkbox"/> The diaphragm contracts and moves down. |

- a Which of these is a muscle cell? Circle *one*.



- b How is a muscle cell adapted to its function? Tick *one*.

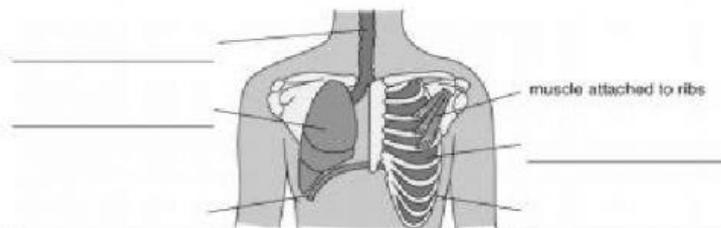
- | | |
|---|---|
| <input type="checkbox"/> It contains chloroplasts for photosynthesis. | <input type="checkbox"/> It contains a cell wall to support the cell. |
| <input type="checkbox"/> It contains filaments to change its shape. | <input type="checkbox"/> It contains cords to stop it being squashed. |

All the parts of your body need to respire. Why is respiration needed? Tick the *best* answer.

- | | |
|--|--|
| <input type="checkbox"/> to produce oxygen | <input type="checkbox"/> to release energy from food |
| <input type="checkbox"/> to help you breathe | <input type="checkbox"/> to give you food |

- a Label the diagram below using the words from the box.

diaphragm	lung	muscle	rib	trachea (windpipe)
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- b The diagram above shows someone who has just breathed out. Describe two things that happen to allow the person to breathe in.