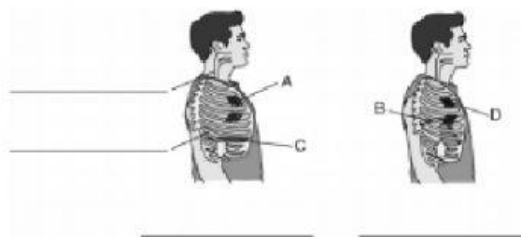


- a What process in your body needs oxygen? _____
- b What gas does this process produce? _____
- c In what process do these gases change places in the lungs? _____

- 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.

☐

Muscles relax and the ribs move back down.

☐

Muscles contract and pull the ribs up and out.

☐

The diaphragm relaxes and rises.

☐

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*.

☐

It contains chloroplasts for photosynthesis.

☐

It contains a cell wall to support the cell.

☐

It contains filaments to change its shape.

☐

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.

☐ to produce oxygen

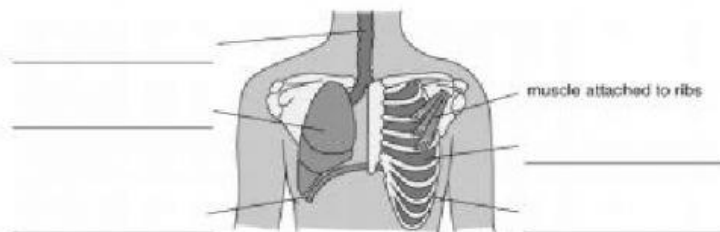
☐ to release energy from food

☐ to help you breathe

☐ 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.