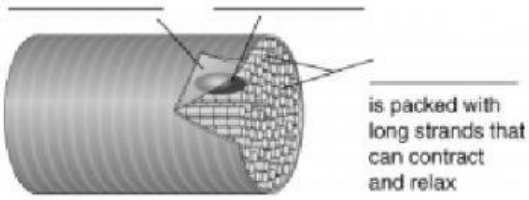
Draw lines to match the words with their meanings.

| | |
|---|---|
| breathing | the flow of air in and out of the lungs |
| breathing rate | breathing out |
| exhalation | the number of times you breathe in and out in a minute |
| inhalation | the movement of muscles to make the lungs get bigger and smaller |
| ventilation | breathing in |

The drawing shows a muscle cell. Muscle cells of this type are found in long chains. These chains are stuck together with other tissues to form muscles. Muscles are often attached to bones, which the muscles can move.




Label the missing parts.

Respiration happens in all cells in your body. Use words from the box to answer the questions about respiration. Each word may be used once, more than once or not at all.

| | | | | |
|---|---|---|---|---|
| blood | breath | carbon dioxide | nitrogen | nutrients |
| | | oxygen | water | |

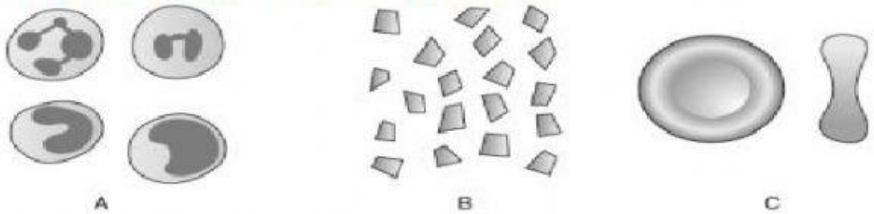
**a** What gas is needed for respiration? _____

**b** What gas is produced by respiration? _____

**c** From what does respiration release energy? _____

**d** By what liquid are substances for respiration carried in your body? _____

The drawings show some different cells found in blood.




**a** Which of these cells carry oxygen – **A**, **B** or **C**?

**b** Where are these cells made?

**c** What substance does this cell contain that makes it adapted to this function? Choose *one* word from the box.

| | | | | |
|---|---|---|---|---|
| antibody | globohaemin | haemoglobin | oxytocin | plasma |

LIVEWORKSHEETS