

# 8B Respiration

## literacy in science

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

renyeg

atnbhreg

aeicrob

osticumbon

2) Make three sentences using the following nine words or phrases:

circulatory system  
aerobic respiration  
lungs

transport  
releases  
exchange oxygen

oxygen and nutrients  
energy  
carbon dioxide

3) Match the word or phrase with the right meaning:

Aerobic respiration

The process that supplies oxygen to the body's cells

Circulation

The release of energy from glucose in cells using oxygen

Breathing

Transport of blood to all respiring cells in the body

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energy

breathing

aerobic

combustion

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Aerobic respiration



The release of energy from glucose in cells using oxygen

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Transport of blood to all respiring cells in the body

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The process that supplies oxygen to the body's cells

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## complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

glucose

respire

gas

supplies

air

large

oxygen

energy

less

- a) In order for cells to function they all need to respire \_\_\_\_\_ with oxygen.
- b) The circulatory system transports \_\_\_\_\_ , nutrients and other materials to all respiring cells.
- c) When you are running, your muscle cells \_\_\_\_\_ more than your skin cells.
- d) The test for carbon dioxide \_\_\_\_\_ is to bubble it through lime water.
- e) The breathing system \_\_\_\_\_ oxygen for the body.
- f) You use \_\_\_\_\_ energy when you're asleep, compared to when you're awake.
- g) The \_\_\_\_\_ you breathe in is different from the air you breathe out.
- h) Red blood cells have a \_\_\_\_\_ surface area to help them transport oxygen.
- i) An office worker requires less \_\_\_\_\_ from his diet than a manual labourer.

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## complete the sentence

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- a) In order for cells to function they all need to respire glucose with oxygen.
- b) The circulatory system transports oxygen, nutrients and other materials to all respiring cells.
- c) When you are running, your muscle cells respire more than your skin cells.
- d) The test for carbon dioxide gas is to bubble it through lime water.
- e) The breathing system supplies oxygen for the body.
- f) You use less energy when you're asleep, compared to when you're awake.
- g) The air you breathe in is different from the air you breathe out.
- h) Red blood cells have a large surface area to help them transport oxygen.
- i) An office worker requires less energy from his diet than a manual labourer.