

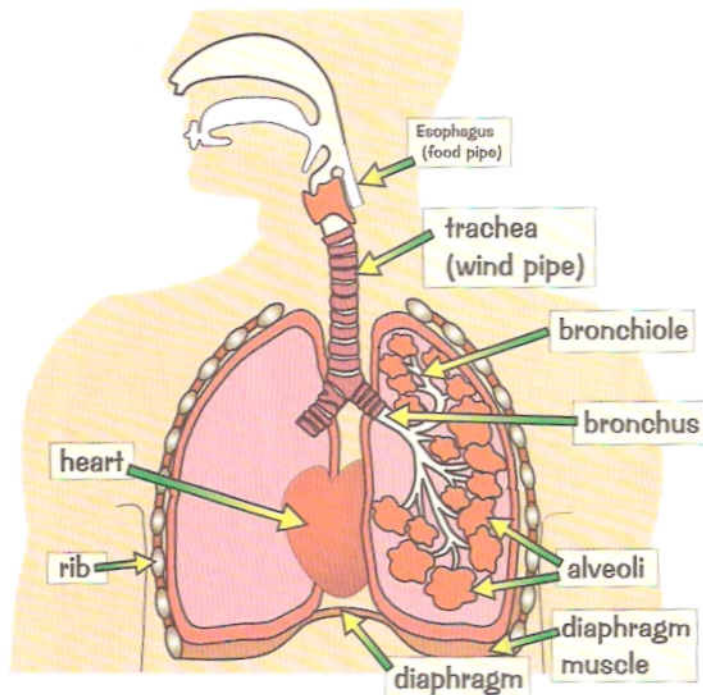
Lungs and Breathing

Instead of saying "breathing," they sometimes call it "ventilation" in the exams.

The Thorax

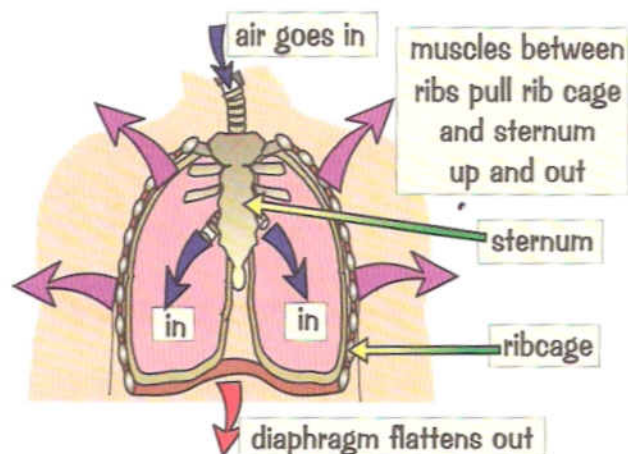
Learn this diagram really well.

- 1) The thorax is the top part of your body.
- 2) The lungs are like big pink sponges.
- 3) The trachea splits into two tubes called "bronchi" (each one is "a bronchus"), one going to each lung.
- 4) In the lungs, the bronchi split into progressively smaller tubes called bronchioles.
- 5) The bronchioles finally end at small bags called alveoli where gas exchange takes place.



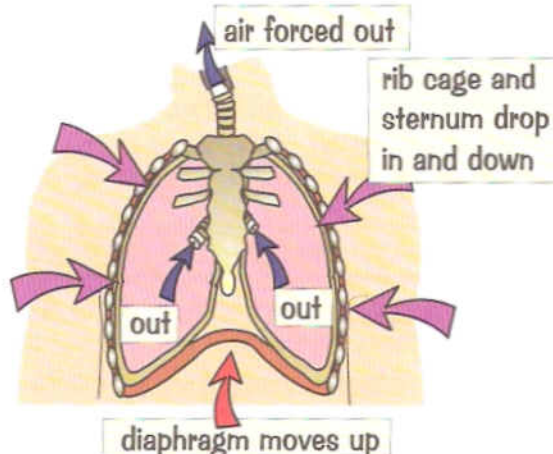
Breathing in...

- 1) Diaphragm contracts.
- 2) Thorax volume increases.
- 3) This decreases the pressure, drawing air in.



...and Breathing out

- 1) Diaphragm relaxes.
- 2) Thorax volume decreases.
- 3) Air is forced out.



Stop huffing and puffing and just LEARN IT...

No dreary lists of facts this time anyway, just three totally cool diagrams to learn.

When you practice drawing diagrams from memory, you don't have to draw them really neatly, just sketch them clearly enough to label all the important parts. They probably wouldn't ask you to draw a really fancy diagram on the Regents exam, but they might expect you to label one. But the best way to be sure you really know a diagram is to sketch it and label it, all from memory.