

11 Breathing – Part 2 — Answers

Answers

Work through these after trying the questions yourself.

11.6 It contracts and flattens (moves down).

11.7 It falls (it drops below the outside air pressure).

11.8 Any two of: expired air has less oxygen; more carbon dioxide; more water vapour.

11.9 Limewater; it turns cloudy (milky).

11.10 To bring in more oxygen and remove the extra carbon dioxide made by the working muscles.

11.11 As the chest **volume increases**, the air pressure inside the lungs **falls below** the outside air pressure. Air then flows **in**, from the higher outside pressure to the lower pressure in the lungs.