

7 Air pollution and smog – Part 1 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 a primary pollutant is released directly into the air; a secondary pollutant forms later from reactions in the air.

2.2 sunlight and pollutants from car exhaust (nitrogen oxides and volatile organic compounds).

2.3 it caps cooler air with a warm layer above, so pollutants cannot rise and disperse, and they build up near the ground.

2.4 it gets deep into the lungs, causing respiratory and heart disease (or reduces visibility).

2.5 ground-level ozone irritates lungs and is part of harmful smog; the ozone layer high up absorbs the Sun's damaging UV rays and protects life.