

9 Ozone depletion and climate change — Part 1 — Answers

Answers

Work through these after you have tried the questions yourself.

2.1 it absorbs harmful ultraviolet (UV) rays from the Sun; CFCs (chlorofluorocarbons) destroy it.

2.2 it banned CFCs worldwide, and as a result the ozone layer is slowly recovering.

2.3 greenhouse gases let sunlight through but trap some of the heat the Earth radiates back, keeping the planet warm enough for life.

2.4 carbon dioxide (from burning fossil fuels) and methane (from livestock, landfills, or rice paddies).

2.5 ozone depletion is CFCs thinning the ozone layer (more UV); climate change is greenhouse gases trapping more heat (warming). \