

Solutions

Each answer shows the steps, then the **result**.

2.1

- Any two: persistent, bioaccumulate, travel long distances, toxic

2.2

- Any one: DDT, PCBs, dioxins

2.3

- They persist and are carried long distances by air and water

3.1 B

- persist and bioaccumulate in food chains

3.2

(a)

- DDT is persistent — it does not break down quickly, so it remains in the environment and in animals' tissues for decades

(b)

- Eggshell thinning in birds of prey (or reproductive harm)

3.3

- POPs bioaccumulate and biomagnify — they concentrate up each trophic level — so top predators, which eat many contaminated prey, accumulate the highest levels