

Questions

1. How does DDT enter a food web? sprayed on crops as a
pesticide, eaten by insects along with crop

2. In the north Pacific Ocean food web, which organism contains the most DDT? dolphins

3. At what trophic level is the organism from question 2? 4 or 5

4. How does the concentration of DDT change as you move to higher trophic levels? higher trophic level → more DDT

5. How many times greater is the concentration of DDT in fish than in seawater? (Hint: divide the concentration in fish by the concentration in seawater.) 430 000

6. How many times greater is the concentration of DDT in dolphins than in seawater? 52 000 000

7. Why are animals at the top of the food chain at the most risk from environmental toxins (like DDT)? b/c they end up with the highest
concentration

8. Use an example to explain how DDT from one area might find its way into the body of an animal living hundreds of kilometers away. migration

