

Worksheet 4 answers

Q 1:

- a. Carrots, Grasses, Grains
- b. Rabbits, Mice, Grasshopper, Birds, owls, foxes

Q2: Energy transfer

Q3: Grains Birds foxes

Grains Grasshopper Birds Foxes

Grass Grasshopper Birds Foxes

Q4: Energy is lost at each link/level in a food chain, so very little energy that enters the food chain is available to the final consumer

Q5: Some birds would have died from eating the grains or the grasshoppers that have the pesticides

Q6: It moves through the food chain in the body of animals that eat the sprayed plants and the animals that eat them

Q7:

- a. plankton fish penguin
- b. food chain
- c. plankton
- d. penguin
- e. fish
- f. The penguin will be harmed because it will be poisoned by eating animals that contains

the toxic substance