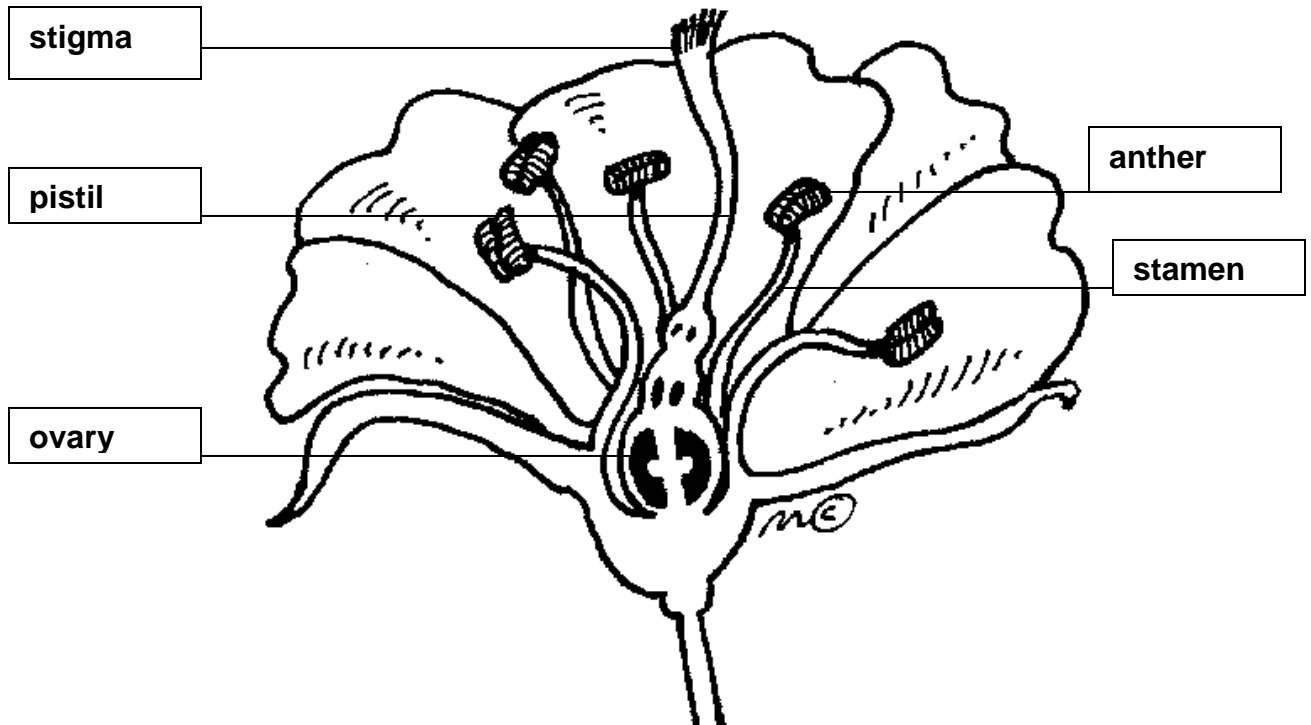


1. Labels the parts of the flower. Words you can use: **ovary stigma anther pistil stamen**  
(5 marks)



2. Matching definitions: Match the following words to its defining phrase. (8 marks)

- |                     |  |
|---------------------|--|
| A. Ecology          | ___B___ the transfer of pollen from the anther of one plant to the stigma of another |
| B. Pollination      | ___E___ an animal that eats other animals for food                                   |
| C. Fragmentation    | ___G___ our provincial floral emblem   |
| D. Herbivore        | ___D___ an animal that eats plants for food  |
| E. Carnivore        | ___A___ the study of living organisms  |
| F. Habitat          | ___C___ large pieces of land divided for farming, towns, and roads                   |
| G. Western Red Lily | ___F___ the environment where an organism usually lives                              |
| H. Primary producer | ___H___ use energy from the sun to produce their own food (plants)                   |

3. Describe the type of habitat the Western Red Lily prefers to live in. (2 marks)

- ditches, moist meadows, wetland margins, open prairie habitat
- slightly acidic soil
- some shade to sunny conditions
- adequate moisture

4. Describe how voles and gophers interact with lilies that promote their future growth. (2 marks)

**-connected in the food web**

**-act like prairie gardeners**

**-messy eaters – distribute scales throughout area**

**-if conditions good, scales will grow into new flowers**

5. In your opinion, how can you act to protect and promote future growth of Western Red Lilies in a natural prairie habitat? (3 marks)

**-answers will vary**