



**b. Record the estimated time since death (in days) if insects were in the following stages:**

- Some eggs and some larva stage 1=
- Some adults and some pupae=
- Some larva found in stage 2 and stage 3 =

4. A dead body of an elderly gentleman was discovered in an abandoned building. Blowfly pupae were found on the body. A missing person's report was filed for an elderly gentleman who had wandered away from home just two days before. The body found was similar in age, height, and weight to the missing person.

**a. Could this possibly be the same person as the person described in the missing person's report? Explain your answer.**

5. The police received a report about a body found in the woods behind the local shopping center. The forensic investigator collected 5 different types of living insects on the man's body. It's important to stress that investigators found all 5 insects alive on the body at the same time. The insects were sent to the forensic entomology lab, where they were raised under similar conditions to those found around the dead body. The following chart describes the life cycles of each of the five different types of insects found on the dead body.

**a. How long has the man been dead? Justify your answer.**

Insect	Day									
	1	2	3	4	5	6	7	8	9	10
Blowfly	1	1	1	1	1	1	1	1	1	0
Species A	0	0	0	0	1	1	1	1	1	1
Species B	0	0	0	0	0	0	1	1	1	0
Species C	0	0	0	0	0	0	0	0	1	1
Species D	0	0	0	0	0	1	1	1	1	1

0 = no evidence of species    1 = evidence of egg, larva (maggot) or pupa