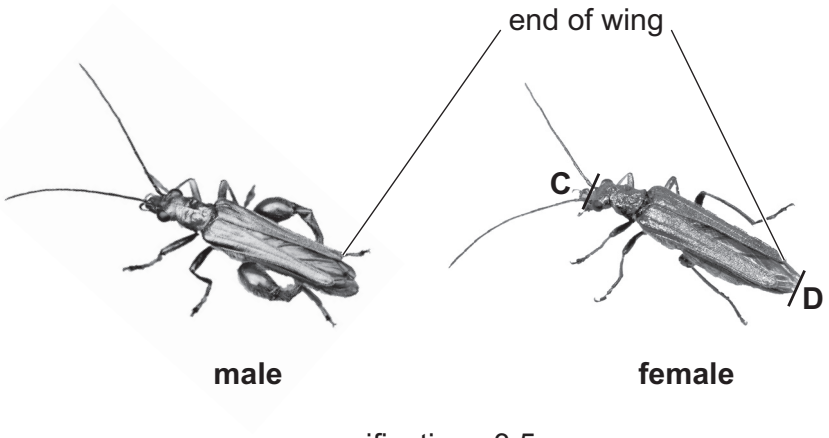
1. Question part 1/2 | 5090 Oct-Nov 2024 P4 V2 Q3

3 Fig. 3.1 shows photographs of a male and a female of an insect species. Both the male and female insects are green in colour.



magnification ×3.5

Fig. 3.1

(a) (i) State **one** visible difference between the male and female in Fig. 3.1.

.....

..... [1]

(ii) In the space below, make a large drawing of the **male** insect as it appears in Fig. 3.1.

[4]

1. Question part 2/2 | 5090 Oct-Nov 2024 P4 V2 Q3

(iii) **C** and **D** indicate the length of the female insect. **D** indicates the end of the abdomen. Draw a straight line to join **C** and **D** on the photograph.

Measure the length of the line and record it.

.....

Calculate the actual length of the insect and record it to the nearest whole number.

Space for working.

..... mm
[3]

(b) Use the key below to identify and record the name of the insect.

1 wings longer than abdomen ..... *Oedemera femoralis*

wings shorter than abdomen ..... go to 2

2 colour brown ..... *Oedemera barbara*

colour green or grey ..... go to 3

3 length 5–6.5 mm ..... *Oedemera lurida*

length 7–11 mm ..... *Oedemera nobilis*

name of insect ..... [1]

[Total: 9]