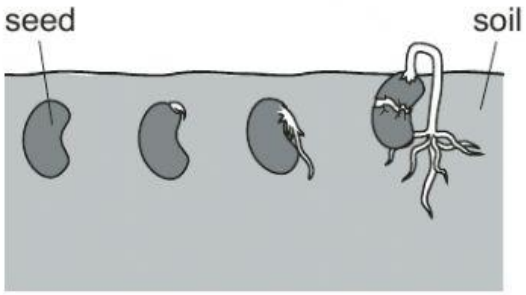
11 Plants have a life cycle.

One part of the life cycle is shown in the diagram.



(a) Write down the name of this part of the life cycle.

.....[1]

(b) What do plants need for this part of the life cycle?

.....

.....[1]

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LIVEWORKSHEETS

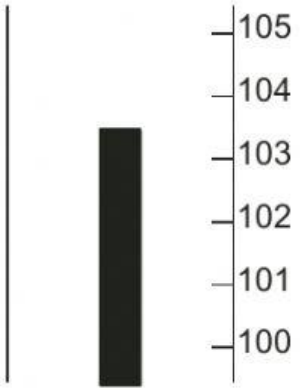
12 Hassan has a sample of a liquid.

(a) Name the piece of equipment he uses to accurately measure 50 cm^3 of this liquid.

.....[1]

(b) Hassan heats the liquid until it boils.

Look at the reading on the thermometer when the liquid is boiling.



Write down the boiling point of the liquid.

.....[1]

LIVEWORKSHEETS

13 Jamila uses a sound level meter to measure the volume of sound in different places.

Here are her results.

place	**volume of sound in .....**
garden	30
playground	71
road	65

(a) Jamila has **not** put the unit for the volume of sound into the table.

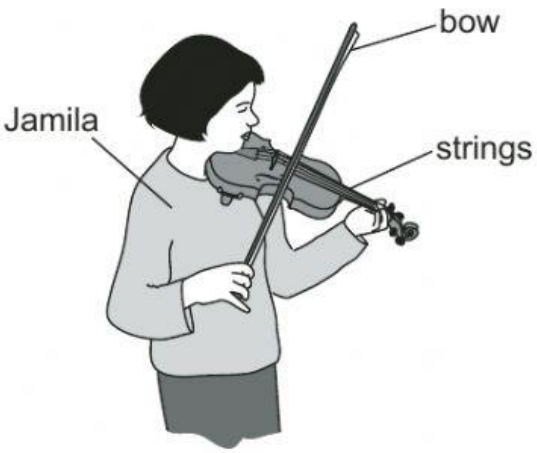
Complete the table.

[1]

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LIVEWORKSHEETS

(b) Jamila plays the violin.



What does Jamila do to change the pitch of the note she is playing?

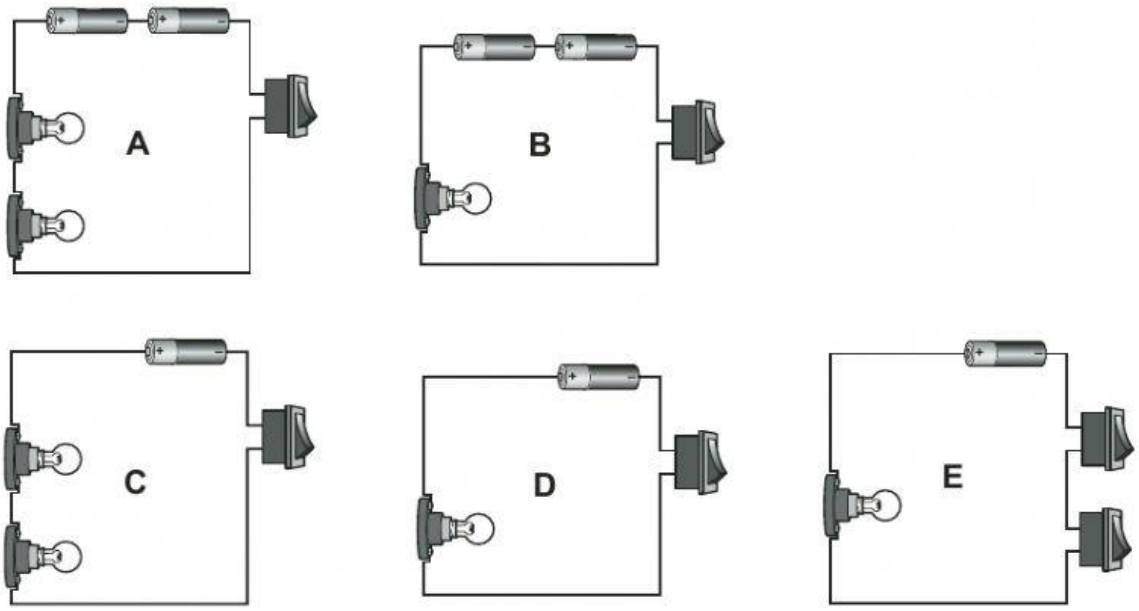
Tick (✓) the correct **three** answers.

pulls the bow across the string harder	☐
pulls the bow across the string softer	☐
uses a thicker string	☐
uses a thinner string	☐
uses her fingers to change the length of the string	☐

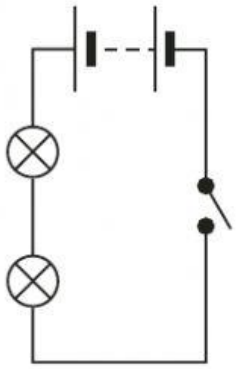
[2]

LIVEWORKSHEETS

14 Here are five electrical circuits.



(a) Chen draws this electrical circuit diagram.



Which electrical circuit has Chen drawn?

Circle the correct answer.

A **B** **C** **D** **E**

[1]

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LIVEWORKSHEETS

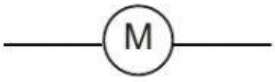
(b) Which electrical circuit has the brightest lamp?

Circle the correct answer.

A **B** **C** **D** **E**

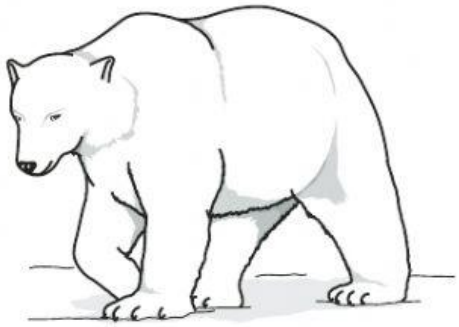
[1]

(c) What is the name of this electrical symbol?



..... [1]

15 Look at the picture of a polar bear.



The polar bear is suited to its environment.

(a) Complete the sentence.

The polar bear has thick fur to .....

..... . [1]

(b) Complete the sentence.

The polar bear does **not** sink into the snow because it has .....

..... . [1]

LIVEWORKSHEETS