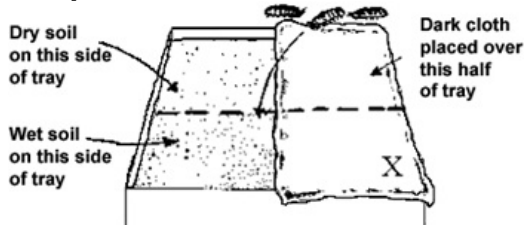


# Slaters

This task is about using information about slaters to interpret the results of an experiment.



Read the information in the fact file and look at the diagram and notes about the experiment to answer the questions that follow.

<p><b>The experiment</b></p>  <p>Some slaters were spread over a tray that had some wet soil and some dry soil. Half the tray was covered by a thick piece of cloth. After half an hour all the slaters were in the corner marked X.</p>	<p>Slater fact file:</p> <ul style="list-style-type: none"><li>• Slaters (also called woodlice) are crustaceans.</li><li>• Crustaceans usually live in water, but slaters live on land.</li><li>• Unlike insects, they have primitive lungs and an exoskeleton that is not watertight. Therefore they can easily lose water from their bodies.</li><li>• When exposed to the sun they dry out quickly.</li><li>• They prefer to have both sides of their body in contact with another surface. Often they will clump together.</li><li>• They eat dead plant matter, including rotting wood.</li></ul>
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a) What type of conditions did the experiment suggest that slaters prefer?

b) Use the fact file to give **two** reasons why the slaters might prefer to be in the corner marked X.

1.

2.

c) Name **two** places where slaters might live.

Use the information in the fact file to give different reasons for each of your answers.

1.

2.