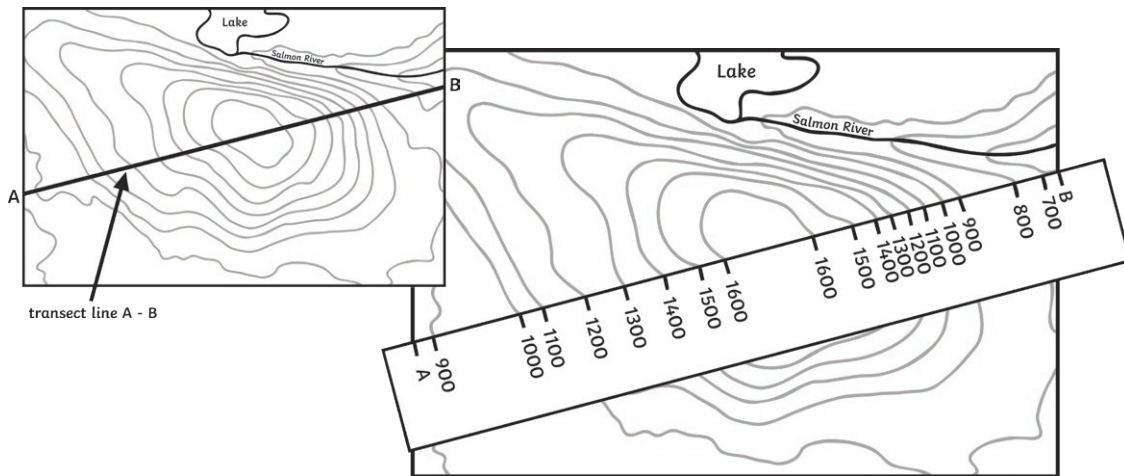


# How to Draw a Cross-Section of a Map

## Step 1

Take a thin strip of paper and place it along the transect line on the map. Mark A at the start of the transect and B at the end. Where each contour line crosses the strip of paper, make a mark on the paper at the exact point and record the height. Also mark on any roads or rivers etc.



## Step 2

On a piece of graph paper, draw the horizontal axis of your graph exactly the same length as the transect A-B. Remember to use a ruler and pencil!



## Step 3

Draw two vertical axes using a suitable scale. Check the maximum height of your axes by looking at the heights along the transect. In this example, the axes need to be at least 1600m high as this is the highest point on the map. Label your axes.

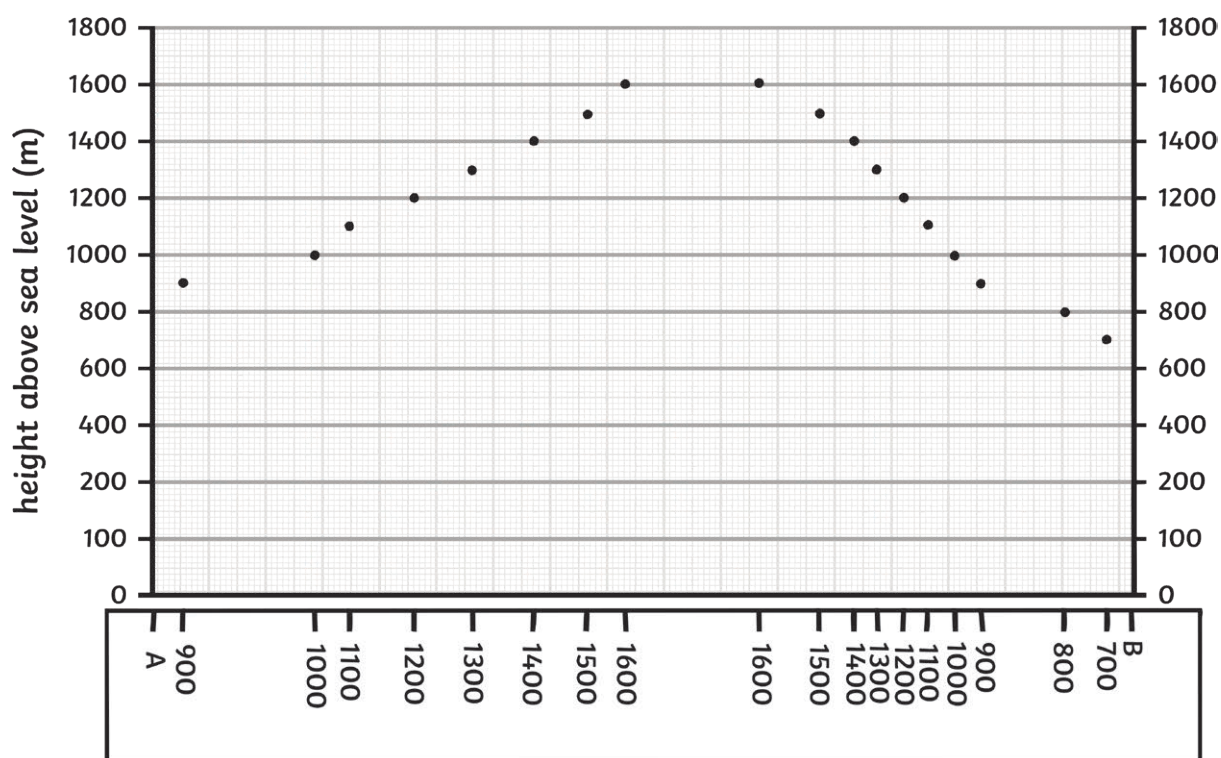
## Step 4

Place the strip of paper along the x-axis at the bottom of your graph. Line A and B up with the vertical axes.



## Step 5

Plot the heights marked on the piece of paper onto the graph. You can move the paper up the graph but make sure the A is always lined up with the vertical axis!



## Step 6

Using a pencil, draw a smooth line to connect the dots. This will give you a rough estimation of what the landscape is like.

## Step 7

Add a title to your graph.

Cross- Section of Mt.Ain

