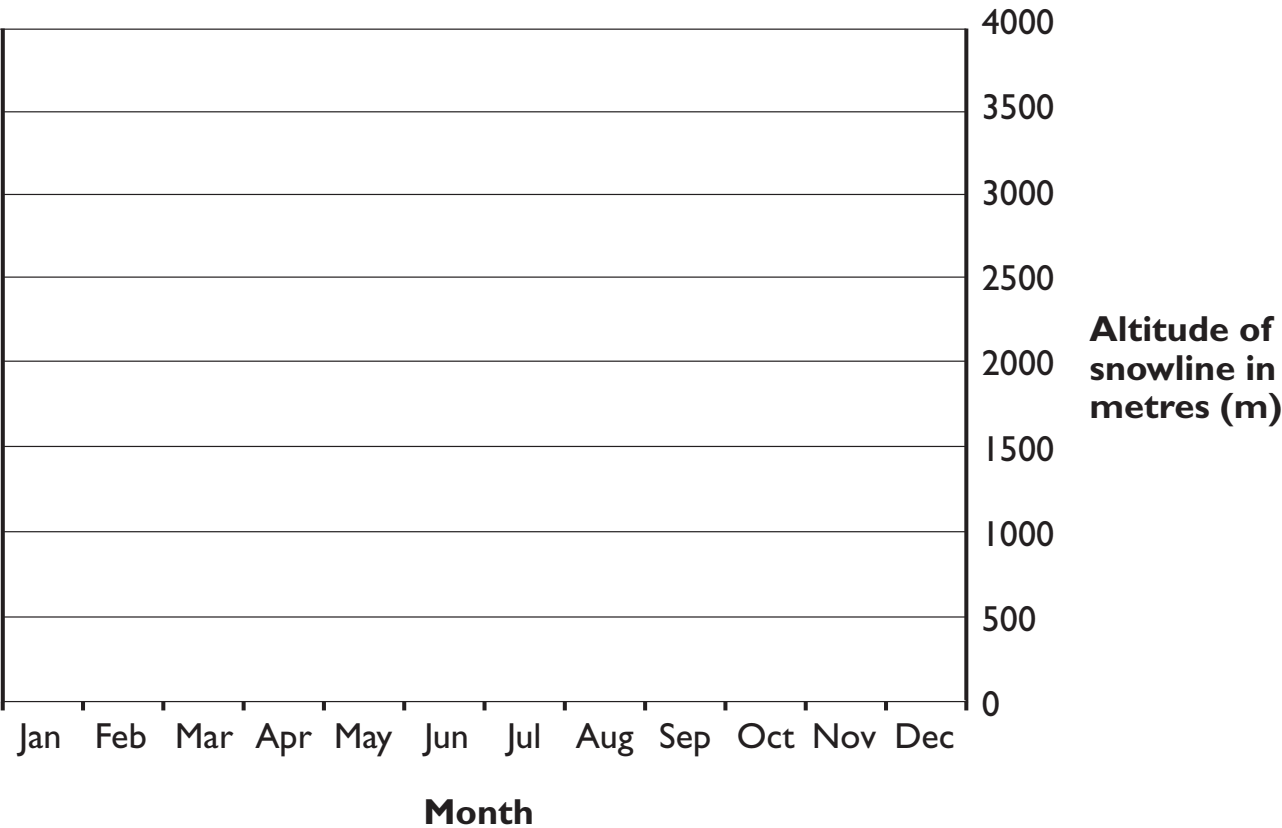


Mountain weather

The snowline changes height with the seasons.

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Snowline (m)	500	500	700	1000	1500	2000	3000	3500	3000	2000	1500	1000

Q1. Plot the data from the table on to the chart below to show the change in height of the snowline with the month.



Q2. In which month is the snowline at its highest?

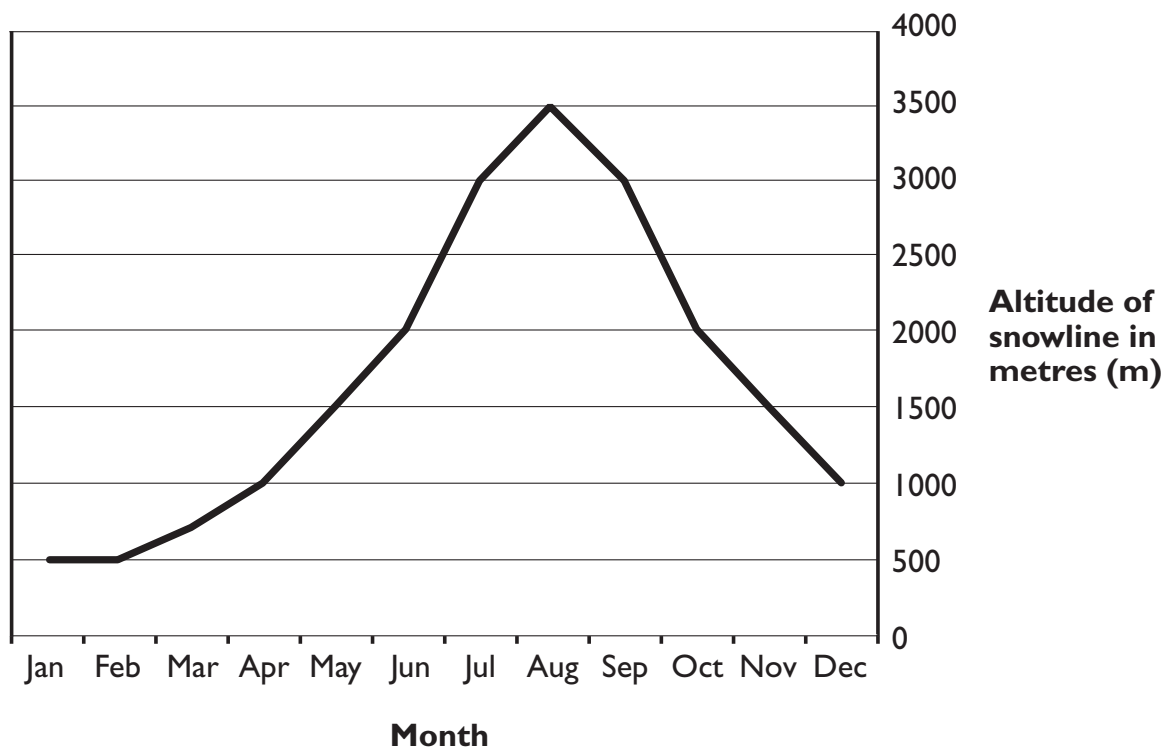


Q3. In which months is the snowline at its lowest?



Answers

1. See chart below.



2. August.

More able students will be able also to note that the snowline stays at the same low level for two winter months (the coldest months of the year) and then begins to rise increasingly rapidly to June, and less rapidly to August. Then the snowline sinks quickly again.

3. January and February.

Notes

This worksheet combines geography and mathematics to deduce the height of the snowline from weather station data.

This gives an opportunity to draw a chart. The student could superimpose it on a picture of a mountain for more effect.