Ozone hole over Antarctica
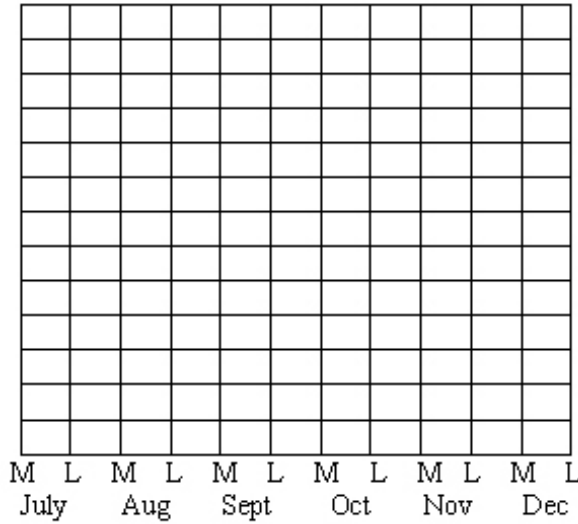
This task is about reading information from a graph.

Each year an ozone hole develops over Antarctica. An ozone hole is defined as an area in which the concentration of ozone is less than 220 Dobson Units. The following data was recorded in one year.

Size of Ozone Hole in Millions of Square Kilometres by Month											
Month	Mid July	Late July	Mid Aug	Late Aug	Mid Sept	Late Sept	Mid Oct	Late Oct	Mid Nov	Late Nov	Mid Dec
Size of ozone hole (million km^2)	0	1	3	12	22	23	16	11	8	4	0

a) Draw a line graph for this data on the grid below. Put in the measurement units.

Size of ozone hole over Antarctica

b) When does the ozone hole first appear? _____

c) Write a statement summarising what the graph shows.

_____

_____

_____

d) Sometimes an ozone hole develops faster, covers the same area, and disappears more slowly than the ozone hole you graphed above. Draw a line on your graph (in a different colour) to show this.

e) Give **two** reasons why the development of an ozone hole is of concern to New Zealanders.

1. _____

2. _____