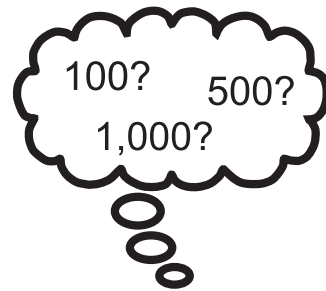


# How old am I ?

Look at the characteristics below and decide if they are describing a young lake (**Oligotrophic = O**), a "middle-aged" lake (**Mesotrophic = M**) or an old lake (**Eutrophic = E**). Write in the appropriate letter (**O, M or E**) in the box after each statement.

1. Generally deep
2. Considered an old lake, in terms of succession
3. Fish population consists of warm water species
4. pH is at an acidic stage
5. Lots of oxygen in all levels of the lake
6. High productivity for all organisms
7. Means "little food"
8. Taste and odour problems, often choked with vegetation
9. Fish population consists of cold water species like lake trout
10. Nutrient supply is low (nitrates, phosphates, manure)
11. Large quantity of decaying material
12. High transparency (can see a long way down into the water)
13. Experiences algae blooms and fish kills



**Hint: characteristics may sometimes apply to more than one kind of lake.**