

Characteristics	Fungi	Algae	Mosses	Ferns	Gymnosperms	Angiosperms
Photosynthetic?						
Cuticle?						
Xylem/Phloem?						
Seeds/Pollen or Spores?						
Flowers/Fruit?						

On the diagram below, each box represents a characteristic of plants and organisms similar to plants. Two of the boxes have been filled out. Because the box labeled 'cuticle' is contained in the box labeled 'photosynthesis,' it means that the 'cuticle' box would contain organisms that have both cuticle and are photosynthetic, while organisms written only in the 'photosynthesis' box are photosynthetic, but do not have cuticle.

1. Determine which characteristics should be used to label the remaining boxes.
2. Write examples of organisms appropriate to each box.
3. Boxes can represent evolutionary relationships. So, for example, because the mosses and algae are in adjacent boxes, they are related.

