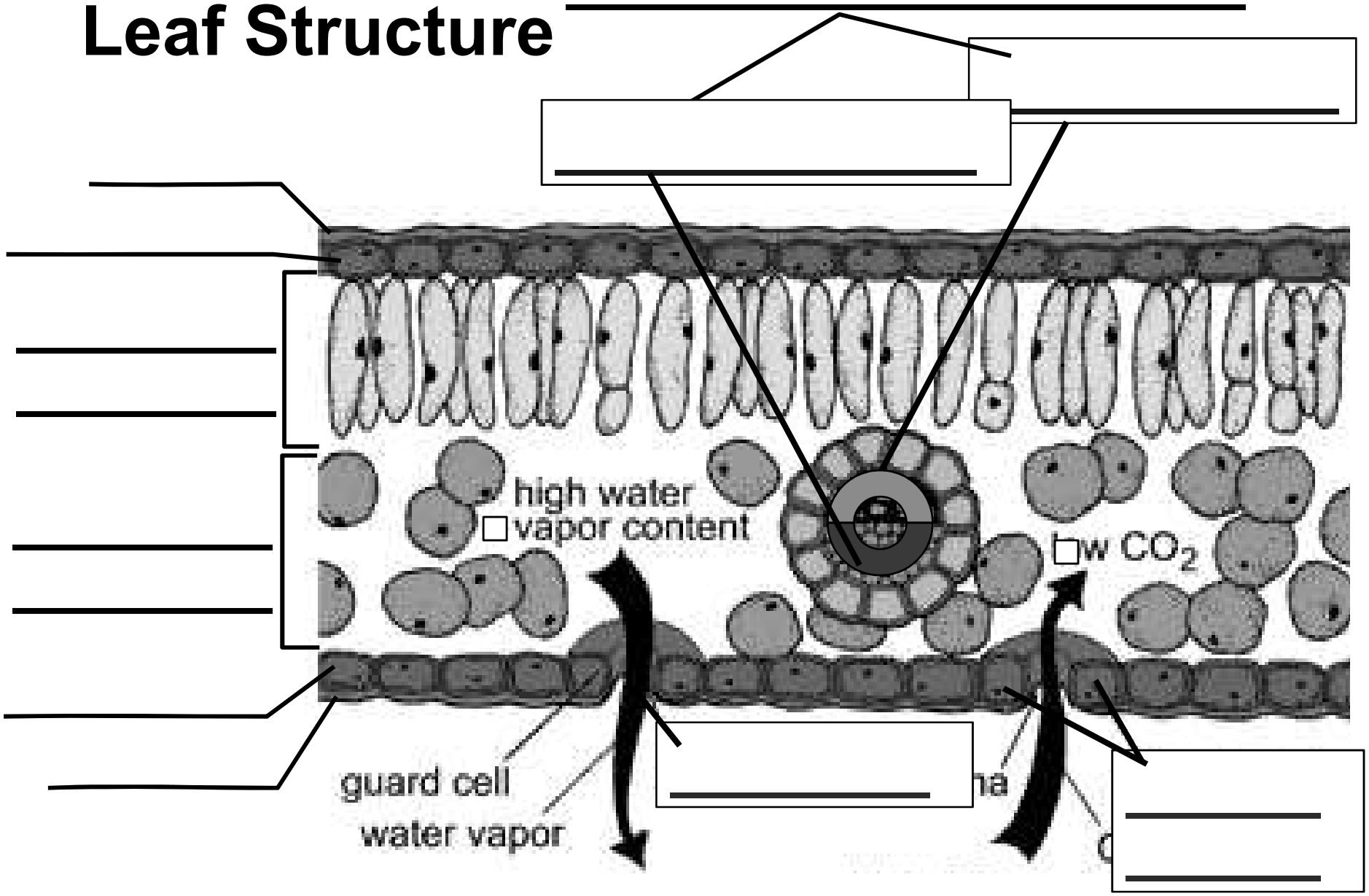Leaf Structure