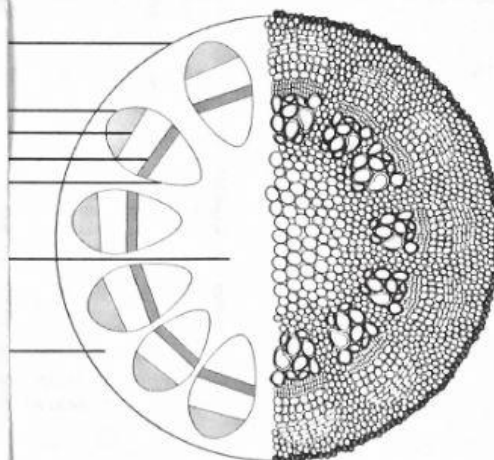
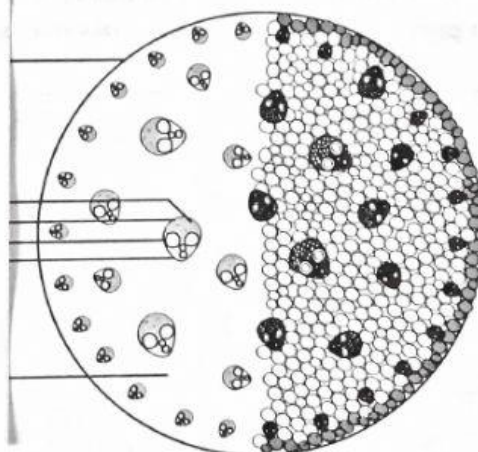


## The Internal Structure of the Stem

While similar from the outside, the stems of monocotyledons and dicotyledons are different when viewed internally. **Observe the differences in structure in the diagrams below and complete the table that follows.**



Cross-section of a dicotyledonous stem  
(left side simplified; right side showing cellular representation)



Cross-section of a monocotyledonous stem  
(left side simplified; right side showing cellular representation)

Structure	Appearance in dicotyledon	Appearance in monocotyledon
vascular bundles		
cambium		
cortex and pith		
sclerenchyma		