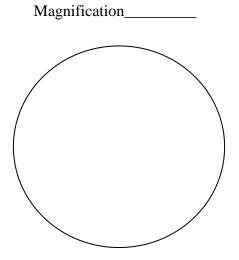
Label all slide tissues

Magnification____

Typical Plant Root (Monocot slide)

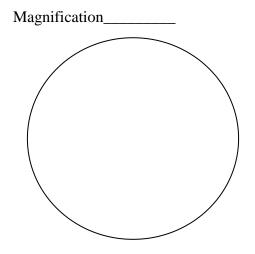


Typical Plant Root (Dicot slide)

Briefly compare and contrast monocot and eudicot roots

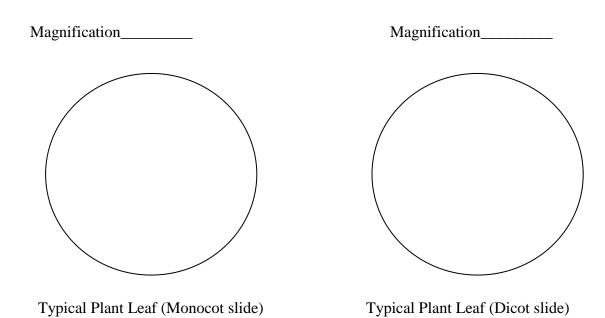
Magnification____

Typical Plant Stem (Monocot slide)



Typical Plant Stem (Dicot slide)

Briefly compare and contrast monocot and eudicot stems



Briefly compare and contrast monocot and eudicot leafs

Questions from text

- 1. List the traits that enabled plants to adapt to life on land.
- 2. Identify the role of each generation in the alteration-of-generations life cycle.
- 3. List the characteristics that allowed bryophytes to colonize land.
- 4. Explain how xylem contributes to an upright body plan.
- 5. Compare and contrast microphylls and megaphylls.

6. Identify the key components of gymnosperm and angiosperm life cycles.

List key features of Monocots and Eudicots

Feature	Monocots	Eudicots
Number of seed		
leaves		
Flower parts		
Pollen grain		
Type of stem		
Leaf vein pattern		
Vascular bundle pattern in stem		
Type of roots		

7. How do plants obtain their minerals from the soil?

Feature	Phloem Xylem	Phloem
Substance being moved		
Direction of movement		
Characteristics of tissue		
Гуреs of Cells		
types of Cells		

Describe plant hormones and effects What it does **Commercial Use Hormone** Auxin (indoleacetic acid-IAA) **Gibberellins** (gibberellic acid- GA₃) Cytokinins (zeatin) Abscisic acid (ABA) **Ethylene** 11. Describe three types of tropisms: -Phototropism: -Thigmotropism: -Gravitropism: 12. What are Phytochromes?

13. How do Phytochromes affect plant growth and flowering?

Diagram and label a complete flower	r	
Describe the purpose for each flow		
-sepals:	-carpal:	
-petals:	-style:	
-stamens:	-stigma:	
-filament:	-ovary:	
anther	-ovule:	