

# Biology I

## Plant Characteristics

### Practice Sheet

Complete the table by checking the correct column(s) for each characteristic.

Characteristic	Green Algae	Plants
1. Cell walls composed of cellulose		
2. Stomata to enable the exchange of gases		
3. Cell division that includes formation of a cell plate		
4. Chlorophyll for photosynthesis		
5. Waxy cuticle to retain water		
6. Vascular tissue to transport substances		
7. Food stored as starch		

In your textbook, read about plant adaptations to land environments.

Respond to the following statement.

Name five adaptations to a land environment that plants have developed.

8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

Organize the plant organs by completing the table below. The first row has been filled in for you.

	Location	Purpose	Plant organ?
cuticle	on stems and leaves	reduce water loss	no
leaf	grows from stem		
root			
stem			
seed		protects embryo from drying	