

NAME:

PERIOD:

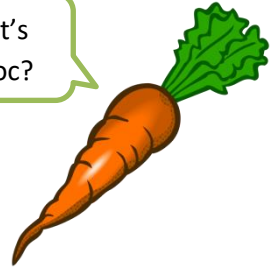
DATE:

## PARTS OF COMPLEX PLANTS CLASSWORK

Matching: Match up the vocabulary word with its function or definition.

- |                                |   |
|--------------------------------|---|
| 1. ____ xylem                  | A. surround stomata, and open and close them  |
| 2. ____ roots                  | B. tissue that produces more xylem and phloem   |
| 3. ____ leaves                 | C. foods made out of roots  |
| 4. ____ carrots & beets        | D. stems that are rigid and tough, like those of oak and birch  |
| 5. ____ guard cells            | E. foods made out of leaves   |
| 6. ____ phloem                 | F. tissue made of tubular cells the move food around the plant  |
| 7. ____ stomata                | G. soft, green stems like those of a pepper or corn plant   |
| 8. ____ cambium                | H. plant part that brings in water and nutrients, holds plant in place  |
| 9. ____ herbaceous             | J. tissue made of tubular vessels that transport water and minerals   |
| 10. ____ woody                 | K. openings in the leaves that allow CO <sub>2</sub> , O <sub>2</sub> , & H <sub>2</sub> O in and out of leaves |
| 11. ____ sugar cane & potatoes | L. plant part that traps sunlight and makes food for the plant  |
| 12. ____ lettuce and spinach   | M. foods made out of stems  |

What's  
up doc?



Draw a cross section of a leaf. Label the following:

palisade layer, spongy layer, upper epidermis, lower epidermis, stoma, guard cells