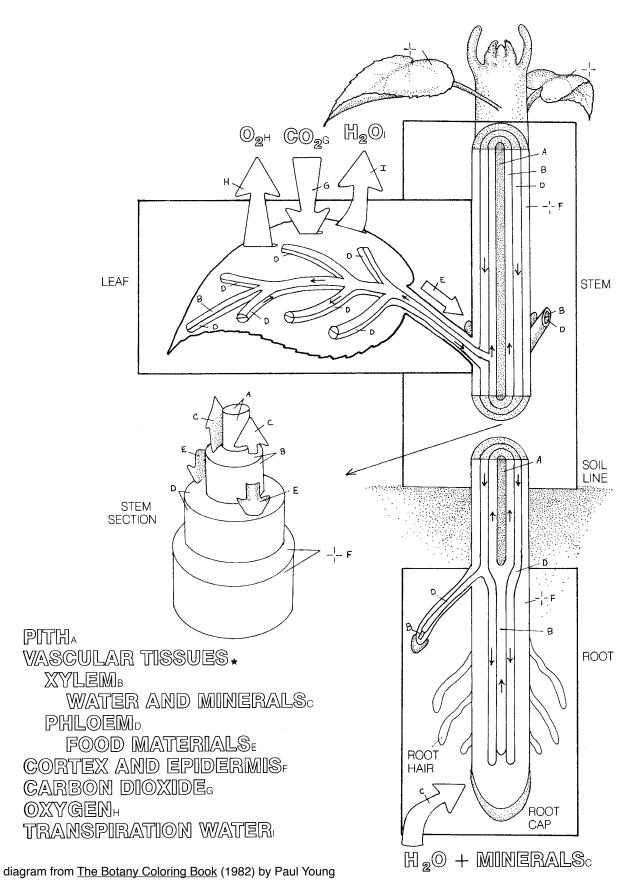
Name:

Period:



Practice: 6 points

Stem Anatomy	Name:
	Period:
Follow the directions below to color-code the diagram and to p.376-377 of your textbook to help you. Use colored pencils, a part of the instructions.	•
For this exercise, you will be identifying various parts of a plan (body part) to their <b>function</b> (job). The stem structure of plan connect the roots of the plant with its leaves and reproductive doing so. Stems support the plant body, holding up the leave Stems transport materials between the roots below ground, a reproductive structures above ground. In some plants, stems	ts is usually found above ground. Stems structures, and serve several functions in s, flowers, and other reproductive structures. nd the leaves, flowers, and other
Stems are filled with structures called <b>vascular tissue</b> . Thes from one part of the plant to another. There are two types of list of terms, find XYLEM, and carefully color the letters purple part of the root labeled with a B $\square$ . Still using purple, color at labeled with a B $\square$ . Finish using purple to color any part of the	vascular tissue, <b>xylem</b> and <b>phloem</b> . In the $\Box$ . Now, using purple again, color any ny part of the stem and the stem section
1. What does xylem transport in a plant? <i>Hint: reread p.374</i> .	
In the list of terms, find PHLOEM, and carefully color the letters blue $\square$ . Now, using blue again, color any part of the root labeled with a D $\square$ . Now, using blue again, color any part of the root labeled with a D $\square$ . Still using blue, color any part of the stem and the stem section labeled with a D $\square$ . Finish using blue to color any part of the leaf labeled with a D $\square$ .  2. What does phloem transport in a plant? <i>Hint: reread p.374</i> .	
Now lets look at what moves up and down the stem. In the list and carefully color the letters light brown or tan $\square$ . Next, use large arrows labeled with a C $\square$ . Carefully color H <sub>2</sub> O + MINE	light brown or tan again to color the three
3. Where does a plant get water and minerals from? Hint: loo	k at the diagram.
In the list of terms, find FOOD MATERIALS, and carefully color again to color the three large arrows labeled with an E $\hdots$ .	or the letters green $\hfill\Box$ . Next, use green
4. Where does a plant get food from? Hint: look at the diagran	n.
5. What materials move up a plant stem? Hint: look at the dia	gram.

6. What materials move <u>down</u> a plant stem? *Hint: look at the diagram.* 

Practice: 6 points