Name: _____

Biology

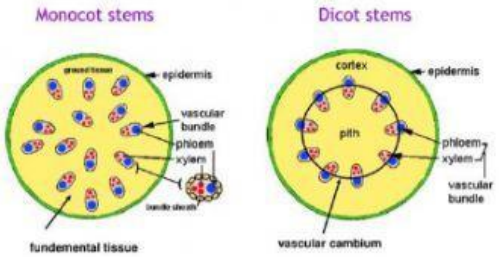
Structure of Stems and Roots Assignment

Instruction: Answer the following questions in the spaces provided.

1. Complete the following table by filling in the missing information. [12]

	Monocots	**Dicots**
Leaves	a.	b.
Veins	c.	d.
Floral patterns	e.	f.
Vascular bundles in stem	g.	h.
Vascular bundles in root	i.	j.
Root system	k.	l.

1. When we look at a cross section of a monocot and dicot stem the picture below is how it should look.



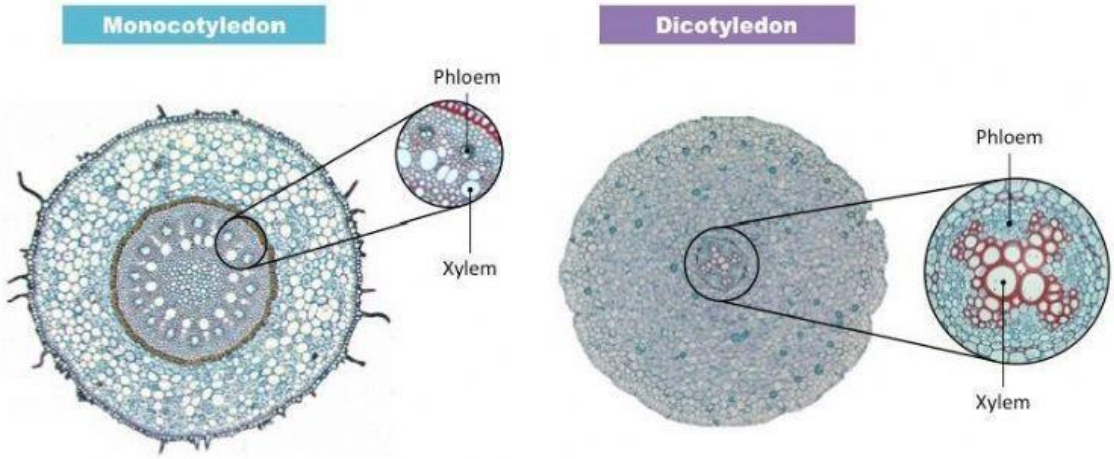
2. What are the two differences we discussed in class about the monocot stem and dicot stem? [2]

_____

_____

LIVEWORKSHEETS

3. When we look at a cross section of a monocot and dicot root the picture below is how it should look.

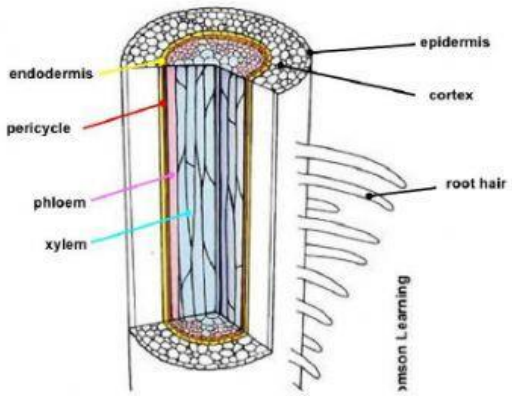


4. What are the two differences we discussed in class about the monocot stem and dicot roots? [2]

_____

_____

5. The diagram below is a longitudinal section of a dicot root. By looking at this diagram, how can we tell that this is a dicot root? [1]



_____

_____

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6. What is present on the surface of the roots? [1]

_____

a. How do these structures help the root in its function? [1]

_____

_____

7. What is the function of the xylem and phloem in the stems and roots? [1]

_____

_____

LIVEWORKSHEETS