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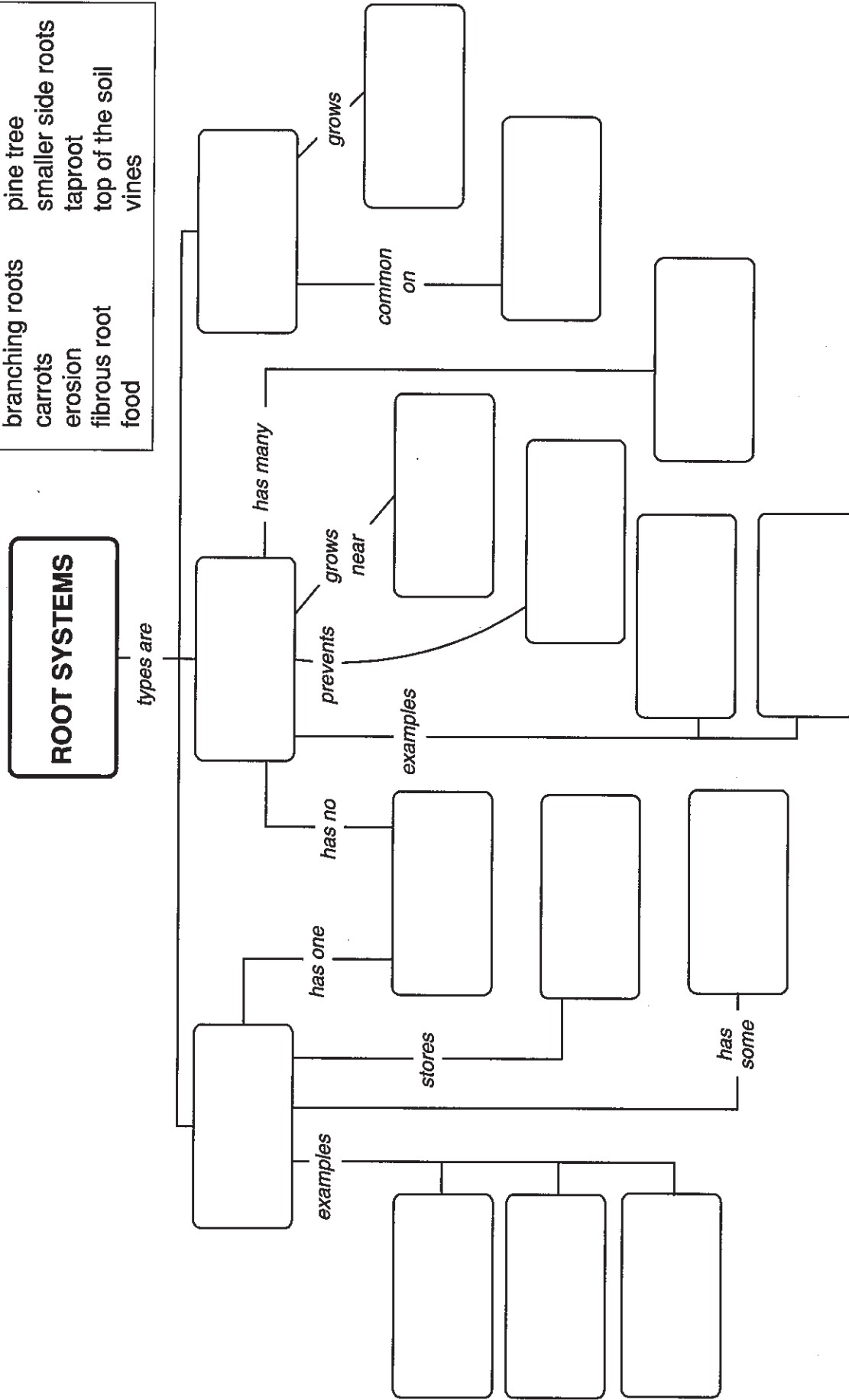
Name _____

Date _____ Period _____

WORD LIST	
above ground	grass
aerial root	main root
beets	maple tree
branching roots	pine tree
carrots	smaller side roots
erosion	taproot
fibrous root	top of the soil
food	vines

Concept Map: Root Systems

Directions: Select words from the word list and fill in the blank map items. Use each word only once, and use all the words on the list.



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Critical Thinking**CONCEPT FILE****Root Systems****Vocabulary**

- aerial**—related to the air, living out of the ground
- erosion**—loss of soil due to water or wind
- fibrous**—having fibers or threadlike structures
- taproot**—a single large root

Types of Root Systems**Fibrous Roots**

- have no large, main root
- have many branching roots
- grow near the top of the soil
- help stop erosion
- examples are
 - maple tree
 - grass

Aerial Roots

- grow above the ground
- common on vines and other climbing plants

Taproots

- have one large, main root
- store food for the plant
- have smaller side roots
- examples are
 - turnips
 - radishes
 - beets
 - pine trees
 - carrots