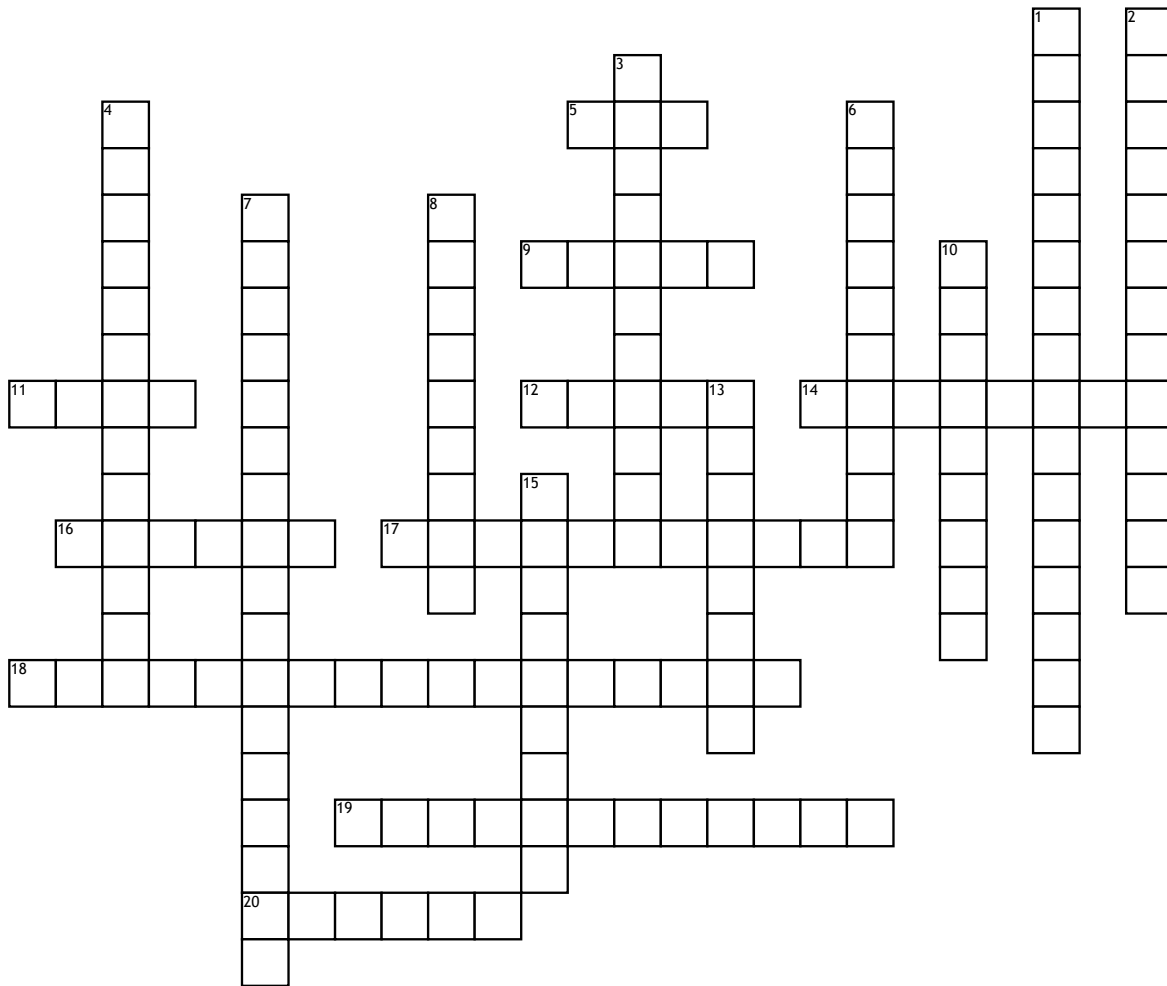


Name: _____

Date: _____

Plants Crossword



Across

- 5. Secondary growth increase in width of the stem to support the growing plants
- 9. Fruits have foul odor
- 11. Complex mixture of sand, silt, clay, air and bits of decaying animal and plant tissues
- 12. Conducts water from roots to leaves
- 14. Found mostly in dicots, one thick vertical root with many lateral roots that emanate from it
- 16. The male part of the flower
- 17. Produces sperm

- 18. Lack vessels for conducting water and food through the plant
- 19. Green, nutritionally independent of sporophyte
- 20. Main organs of photosynthesis

Down

- 1. Area where cells are growing and maturing
- 2. Require water for fertilization
- 3. Begins formation of pollen tube that extends into style
- 4. Loss of water through leaves, loss of water is replaced by water drawn into the leaf through xylem vessels

- 6. First appeared in fossil record about 425 million years ago
- 7. Just under the epidermis, absorb light that enters the leaf
- 8. Outer layer of root made of epidermal cells from which root hairs extend out the soil root hair provide a large surface area for the cells to absorb enough water to support entire plant
- 10. Nitrogen, phosphorus, potassium, magnesium, and calcium
- 13. Vascular bundles scattered around the stem, ground tissue between the bundles
- 15. Includes mosses