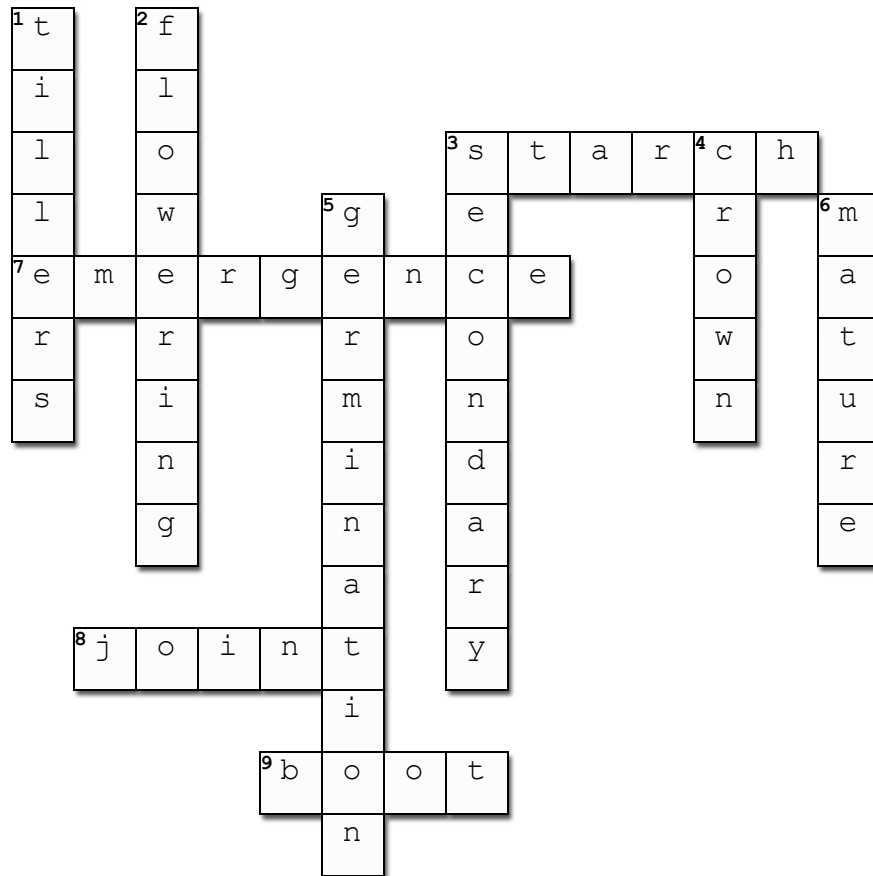


Name: _____

Wheat Lifecycle

Complete the crossword puzzle below



Across

3. Grain fill is the period when _____ and nutrients accumulate in developing kernels. (**starch**)
7. When the first shoot breaks through the soil surface. (**emergence**)
8. Node is a _____ on the stem where leaves are attached. (**joint**)
9. Heading is the stage when the wheat head emerges from the _____. (**boot**)

Down

1. The head is the area at the base of the wheat plant where new roots and _____ develop. (**tillers**)
2. The reproductive stage when pollination occurs and kernels begin to form. (**flowering**)
3. Tiller is a _____ stem that grows from the base of the wheat plant and may produce a grain head. (**secondary**)
4. The area at the base of the wheat plant where new roots and tillers develop. (**crown**)
5. The process by which a seed absorbs water and begins to grow. (**germination**)
6. Harvest is the process of gathering _____ wheat grain from the field. (**mature**)