Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

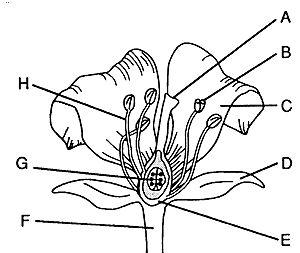
Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Biology Test – Module #15

Matching: Match each term with the correct definition.

|  |  |
| --- | --- |
| 1. \_\_\_\_ physiology | 1. A growth response to gravity |
| 1. \_\_\_\_ pore spaces | 1. A mature ovary that contains a seed or seeds |
| 1. \_\_\_\_ cohesion | 1. The study of life processes in an organism |
| 1. \_\_\_\_ loam | 1. A growth response to touch |
| 1. \_\_\_\_ hormones | 1. An ovule with a protective coating, encasing a mature plant embryo and a nutrient source |
| 1. \_\_\_\_ phototropism | 1. Spaces in soil that determine how much water and air the soil can hold |
| 1. \_\_\_\_ gravitropism | 1. Flowers with both stamens and carpels |
| 1. \_\_\_\_ thigmotropism | 1. The phenomenon that occurs when individual molecules are so strongly attracted to each other that they tend to stay together, even when exposed to tension |
| 1. \_\_\_\_ perfect flower | 1. The transfer of pollen grains from the anther to the carpel in flowering plants |
| 1. \_\_\_\_ imperfect flower | 1. A growth response to light. |
| 1. \_\_\_\_ pollination | 1. Flowers with either stamens or carpels, but not both |
| 1. \_\_\_\_ seed | 1. Chemicals that circulate throughout multicellular organisms, regulating cellular processes by interacting with specifically targeted cells |
| 1. \_\_\_\_ fruit | 1. A mixture of gravel, sand, silt, clay, and organic matter |

Label: label the parts of the flower



1. What do all plants need? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. List at least two plant hormones.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Give one example of vegetative reproduction and how it happens. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Classification of fruits: Recreate the classification chart of fruits.

True or false: Determine whether each statement is true or false.

1. \_\_\_ Grafting is a form of vegetative reproduction.
2. \_\_\_ Bees help pollinate certain flowers.
3. \_\_\_ A cherry branch can be grafted onto an apple tree.
4. \_\_\_ Soil needs some air spaces in it so that it can absorb water well.
5. \_\_\_ Turgor pressure helps a plant remain stiff and upright.