

## I'M THINKING OF A PLANT:

20 questions for plant identification

Team exercise for practice using plant keys:

Look at the plant assigned to your team. Circle the anatomical characteristics.

1. Are the leaf veins **PARALLEL OR NETLIKE?**
2. How many cotyledons does the plant have? **ONE OR TWO**
3. Are the flower parts in **3s, ..... or 4s and 5s** and their multiples?

If you circled the first answer to all 3 questions above, then you have a monocot. Otherwise, you have a dicot plant.

### LEAF

4. Is the leaf? **SIMPLE OR COMPOUND**
5. If the leaf is compound is it? **PINNATELY OR PALMATELY** compound
6. Is the leaf shape? **OBLATE, LANCELATE, or HEART-SHAPED**
7. Is the leaf edge or margin: **TOOTHED or LOBED or SMOOTH**
8. Is the leaf surface? **GLABROUS OR SMOOTH**
9. Where are the leaves attached? **BASAL OR ON THE STEM**
10. How are the leaves attached? **ALTERNATELY, OPPOSITE, OR WHORLED**

### FLOWER

11. Is the flower? **CONSPICUOUS OR INCONSPICUOUS**
12. Are the flowers? **SYMMETRICAL OR IRREGULAR**
13. How many petals does the flower have?
14. What color is the flower?

### STEM

15. Is the plant hugging the ground, mid-calf high, knee-high, waist-high, head-high, taller
16. Does the stem have pickers or thorns?



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