

## Counting Flower Petals

**Botany Background:** *Plants are divided into two types—*

- ✓ monocotyledons (monocots): Petals are in multiples of 3's.
- ✓ dicotyledons (dicots): Petals are in multiples of 4's or 5's.

**Math Background:**

- ✓ When you skip count by 3's (such as 3, 6, 9, 12, 15, 18), the numbers you say are multiples of 3.
- ✓ When you skip count by 4's (such as 4, 8, 12, 16, 20, 24), the numbers you say are multiples of 4.
- ✓ When you skip count by 5's (such as 5, 10, 15, 20, 25, 30), the numbers you say are multiples of 5.

In the garden, can you find examples of *monocots*? (Petals are in multiples of 3's.) Draw pictures of examples you find.



*Daylily*

In the garden, can you find examples of *dicots*? (Petals are in multiples of 4's or 5's.) Draw pictures of examples you find.



*Sweet Autumn Clematis*



*Passion Flower*