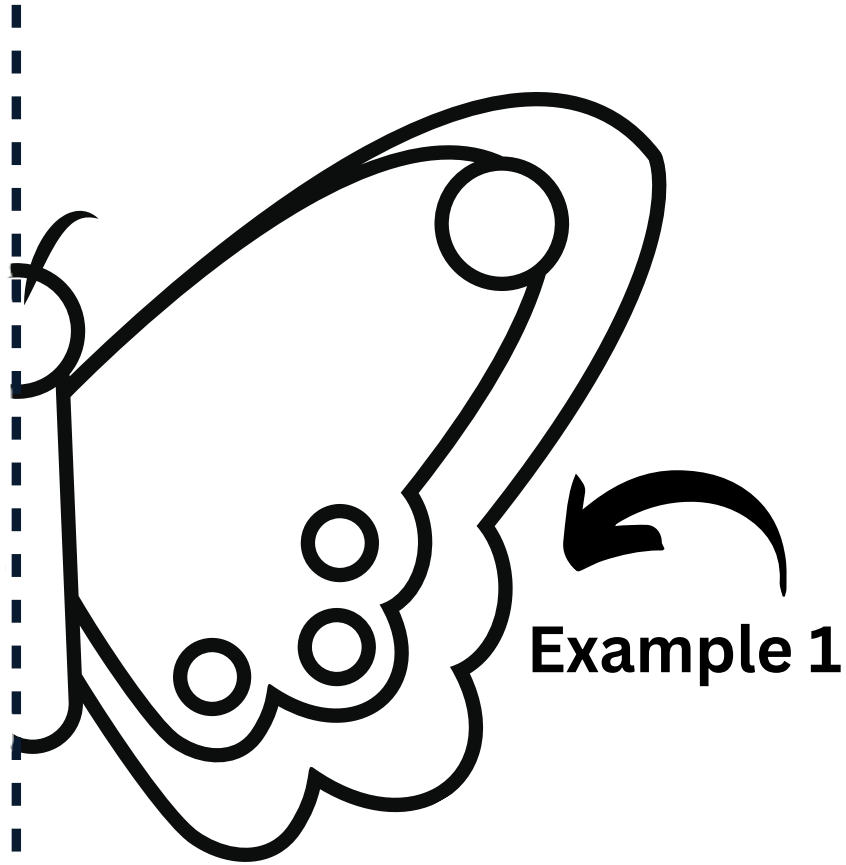


Pollinator Symmetry

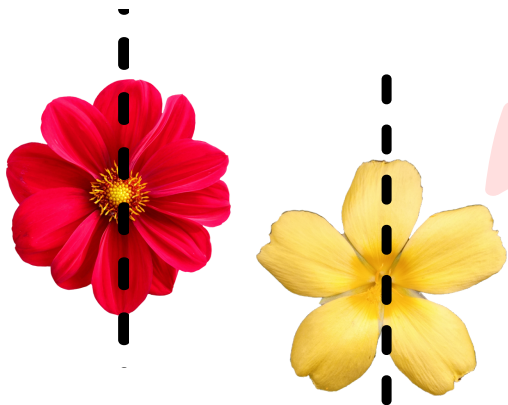


Directions: Look at the following pollinators, what shapes, angles, and lines do you think would match on the right side? For example 1 and 2, using a paint brush to **paint** the right side of the object. While wet, **fold** the paper on the dotted line. **Press down and open** the folded paper. Does your object look symmetrical?

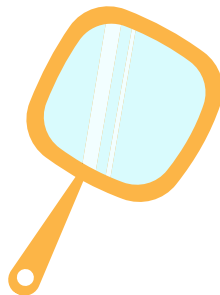


Left

Right



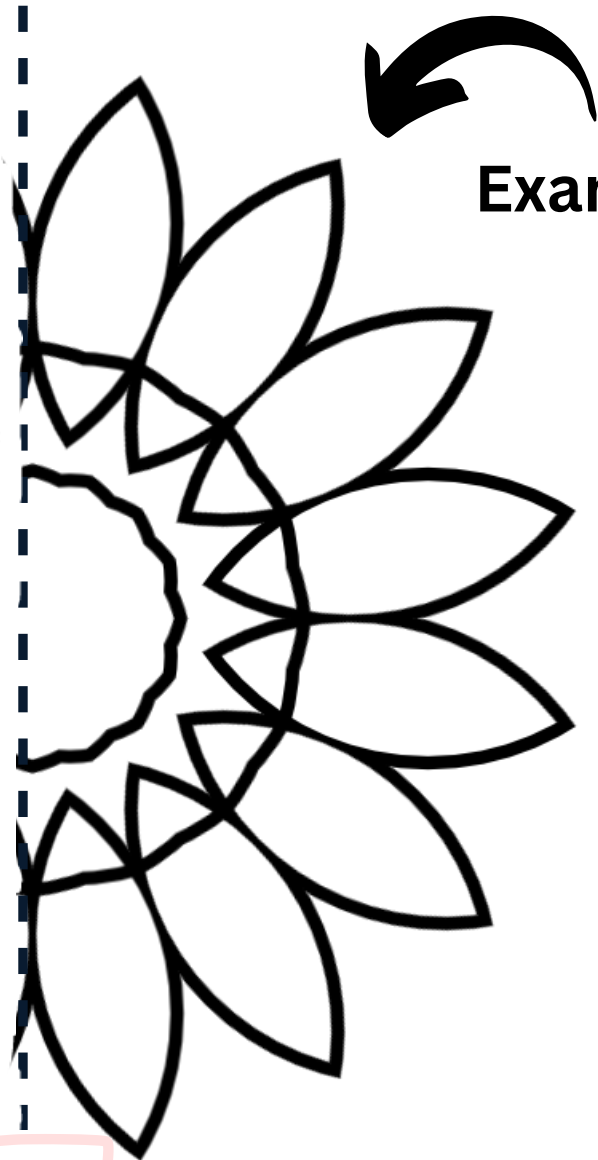
Many plants and pollinators are symmetrical. **Symmetry** exists when an object could be **divided into two** identical mirror halves.





Left

Right

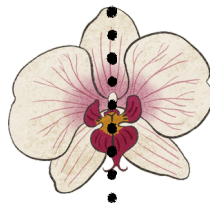


Example 2

Radial Symmetry



Bilateral Symmetry



What type of **symmetry** is this flower?

.....

What type of **shapes, angles, and lines** do you see in this flower?

.....

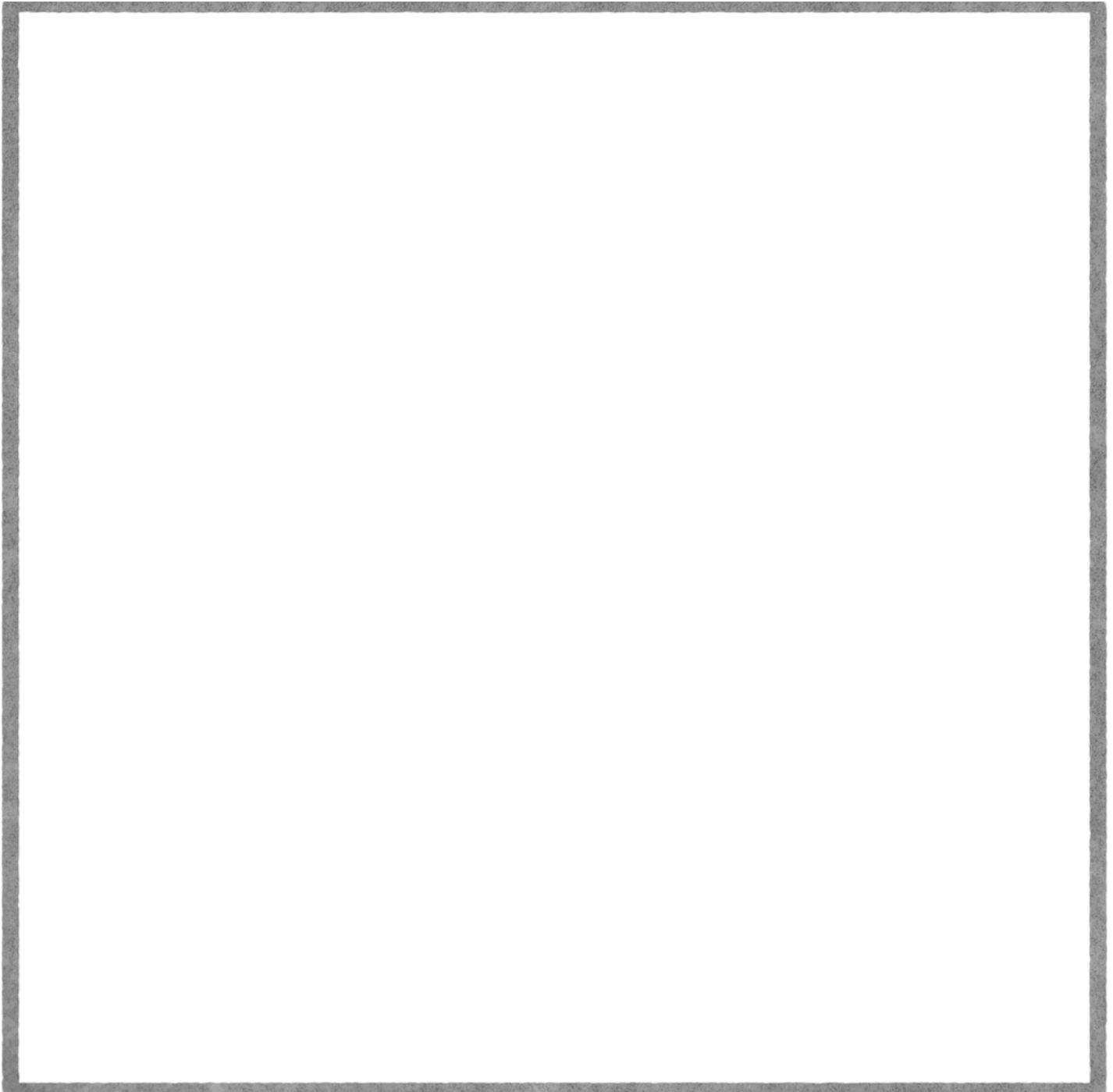
.....

.....

The two main types of symmetry in flowers are **radial** and **bilateral symmetry**. When looking at this flower ask yourself: can you fold the flower in half more than one way and have two sides match? If so, the flower is radially symmetrical. If you can only fold it in half once with matching halves, the flower is bilaterally symmetrical.



Directions: Select a insect or plant that is symmetrical. Then use a ruler to help you draw and color the pollinator in the blank area below.



Describe your **symmetrical** plant or pollinator:
