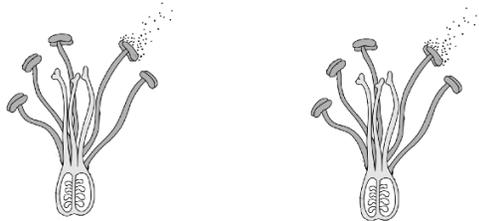


## Directions:

1. Complete the labels on the flower and fruit diagram, including annotations to show the functions of each part.
2. Cut out the page to the right and glue it into your notebook.
3. Cut out the reproductive organs of the flower below.
  - a. Remove the carpels from one set and then stick the remaining stamens on the first parent flower in the 'Mendel's Experiments' section.
  - b. Remove the stamens from the second set and then stick the remaining carpels on the second parent flower in the 'Mendel's Experiments' section.



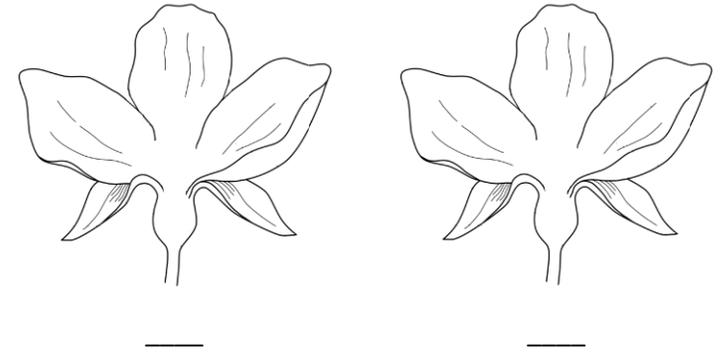
4. Color the flowers in the Mendel's Experiments section.
  - a. Color the P generation as instructed.
  - b. Determine the colors of the F1 and F2 generations, and color their flowers.
5. Label the parent generation as "true-breeding."
6. Label the F1 generation as "hybrid."
7. Label each flower with its correct genotype.

Cut here

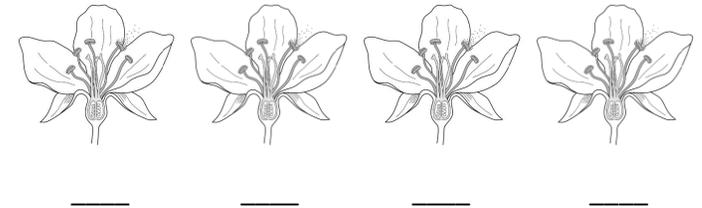
Glue the flower structure sheet on top of this one here

## Mendel's Experiments

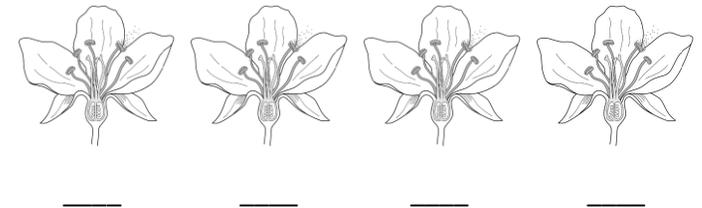
Parent  
Generation  
(P)



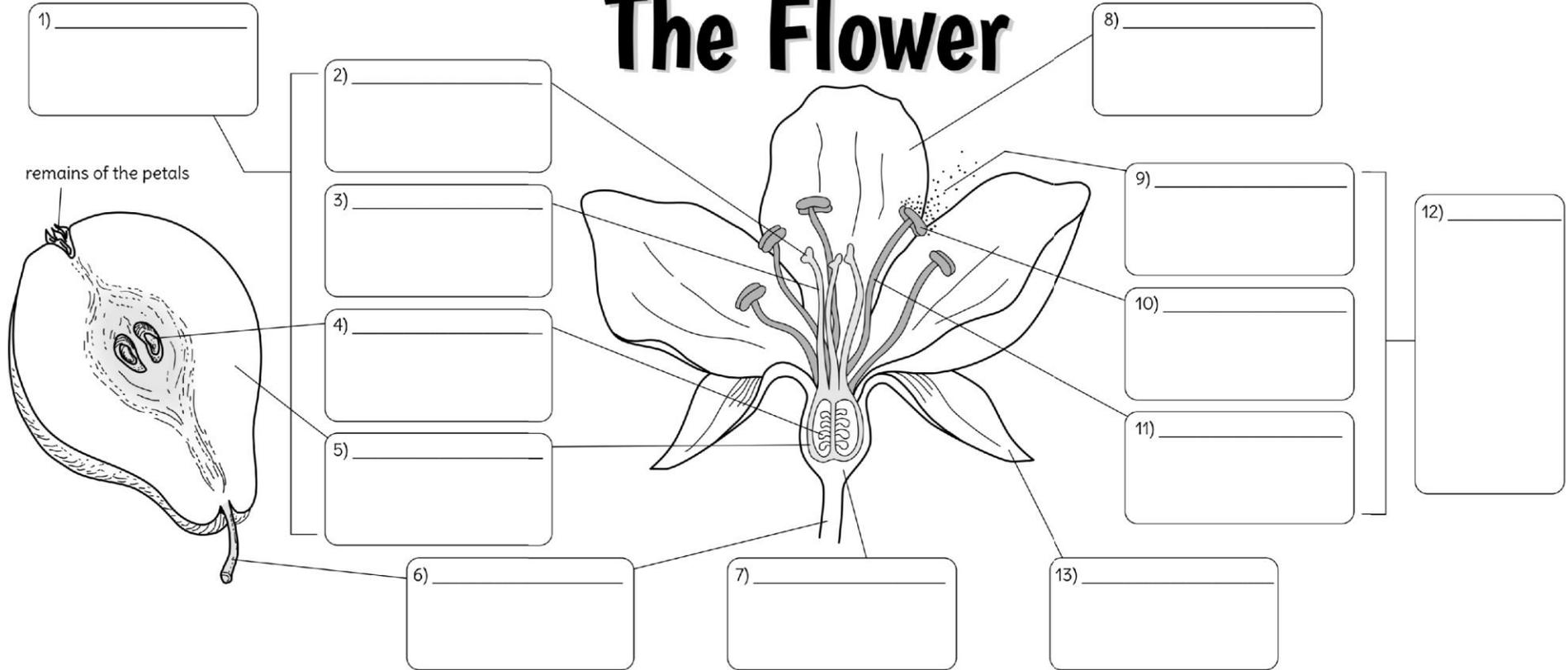
First Filial  
Generation  
(F<sub>1</sub>)



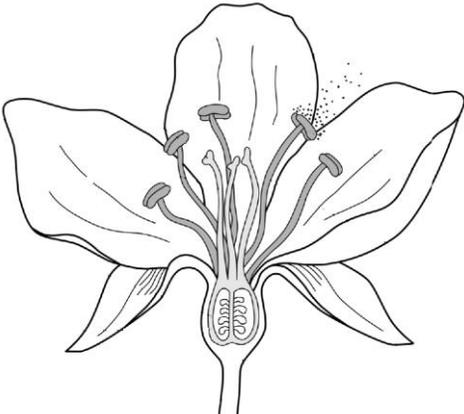
Second Filial  
Generation  
(F<sub>2</sub>)



# The Flower



Self-Pollination



Cross-Pollination

