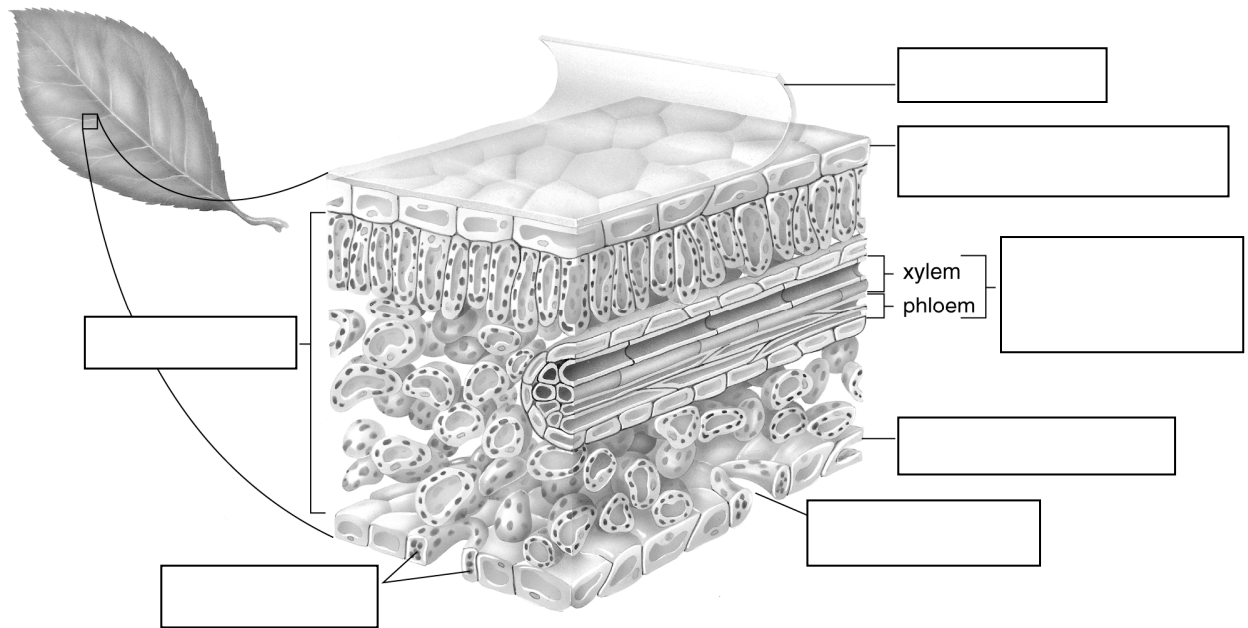


## Organs of plants

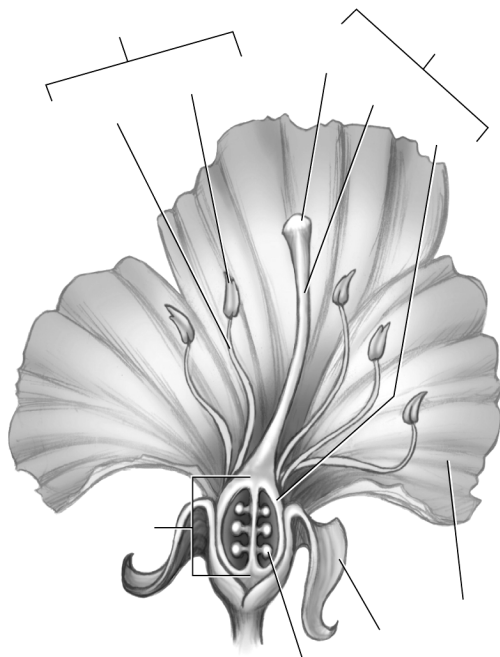
### LEAF



What are the functions of the various parts of a leaf?

### FLOWER

How is the structure of a flower designed for reproduction?



# Functions of Plant Organs

## Roots

- Anchors the plant in soil
- Collect water and minerals
- Storage of food – starch and sugars

## Leaf

- Photosynthesis
  - Carbon dioxide and water and sunlight → sugars and oxygen
- Gas exchange
  - Stomata open and close to allow carbon dioxide to enter and oxygen and water to leave
  - Guard cells control the openings

## Stem

- Transport of materials – vascular tissues
- Support of leaves and flowers

## Flower

- Reproductive structure
- Attract insects and birds in order for pollination
  - Male pollen → female pistil → eggs
- Seed/fruit development