

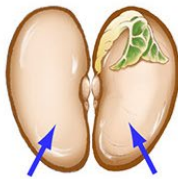
Monocots versus Dicots

| | Monocots | Dicots |
|---------------|----------------------------|--------------------------|
| Pollen | One pore or furrow | Three pores or furrows |
| Cotyledons | One | Two |
| Flower Petals | multiples of 3 | Multiples of 4 or 5 |
| Leaves | Parallel veins | Net-like veins |
| Stems | Scattered vascular bundles | Ring of vascular bundles |
| Roots | Fibrous | Tap |

Dicot (two cotyledons)



Pollen grains have three pores or furrows



Seeds have two cotyledons



Flowers have four or five floral parts (or multiples thereof)



Leaves are oval or palmate, with net-like veins



Vascular bundles arranged in a ring around stem

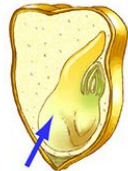


Tap roots

Monocot (one cotyledon)



Pollen grains have one pore or furrow



Seeds have one cotyledon



Flowers have three floral parts (or multiples thereof)



Leaves are narrow, with parallel veins



Vascular bundles small, and spread throughout stem



Fibrous roots

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