

Name: _____



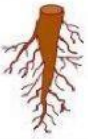
Monocots and Dicots

All plants that produce flowers and seeds are called **flowering plants**. The seeds they produce may have one food leaf or two food leaves called **cotyledons**. Flowering plants are grouped by the number of food leaves their seeds produce.

Monocots are flowering plants that produce **one seed leaf**. Some monocot plants are **tulips, morning glory, and grasses** like, wheat, rice and corn.

Dicots are flowering plants that product **two seed leaves**. Some dicot plants include **hibiscus, yellow elder, and lignum vitae**.

The table below outlines differences in monocot and dicot plants.

	Seed	Root	Vascular	Leaf	Flower
Monocot					
	One cotyledon	Fibrous roots	Scattered	Parallel veins	Multiples of 3
Dicot					
	Two cotyledon	Tap roots	Ringed	Net-like veins	4 or 5

Use the information above to answer the following questions. Choose the correct answer.

- Plants that produce flowers and seeds are called _____
- A seed leaf is also called a _____
- Flowering plants with one seed leaf are called _____
- Flowering plants with two seed leaves are called _____

Tell whether the following describes a **monocot** plant or a **dicot** plant.

- Flowers with petals is fours or fives _____
- Tap roots _____
- Leaves with parallel veins _____
- Fibrous roots _____
- Flowers with petals in threes _____
- Leaves with network veins _____