EXERCISE 3

biomass	distinct	distribute	diverts	germinate	in bloon
onset	overall	remainder	replenishes	reproduction	survived

Energy Distribution in Plants

Annuals are plants that go through their entire life cycle within a single year. Annuals begin their life						
cycles in the spring when seeds that (1) the winter (2) (begin to grow).						
In regions with (3) dry and wet seasons, germination occurs with the (4)						
of the rainy season. Because it has only one growing season, an annual has to (5) its						
photosynthates (energy-rich molecules) first to leaves. Leaves, in turn, become involved in						
photosynthesis, which (6) the supply of photosynthates and increases						
(7) plant (8) At the time of flowering, the plant decreases the amount of						
energy distributed to leaves and (9) most of its photosynthate to (10)						
For example, in the sunflower, the biomass of leaves declines from approximately 60 percent of the total						
plant weight during the period of growth to 10 to 20 percent by the time the seeds are ripe. When						
(11), the sunflower distributes 90 percent of its photosynthate to the flower head and the						
(12) to the leaves, stem, and roots.						