• temporal lobe

The **cerebrum or cortex** (the extensive outer layer of gray matter of the cerebral hemispheres) is the largest part of the human brain, associated with higher brain function such as thought and action. The cerebral cortex is divided into four sections, called **"lobes"**: the frontal lobe, parietal lobe, occipital lobe, and temporal lobe.

Note: (1) The limbic system, often referred to as the **"emotional brain,"** is found buried within the cerebrum. (2) **Basal nuclei** are gray matter structures deep within each cerebral hemisphere that help to control skeletal muscle activity.