Brain Functions Outline (N-3D)

Use pages 448-450 of Life Science (Silver Burdett Ginn) to complete this outline.

II. The Human Brain

A. Protective Case
   1. The _______________ acts like a sturdy case for the brain.
   2. _______________ surrounds the brain.
   3. A _______________ keeps the fluid from leaking.

B. The Learning Center
   1. The largest structure of the brain is the _______________.
      a. The thin outer layer contains billions of _______________.
      b. It is only a few _______________ thick.
      c. The back of the cerebrum receives messages from the _______________ nerve and is responsible for _______________.
      d. Injury could cause _______________.

C. Muscle Coordination
   1. The _______________ is under the _______________.
      a. _______________ is regulated by the cerebellum.
      b. Injury could cause _______________ problems.

D. Basic Body Control
   1. The _______________ is below the cerebellum.
      a. It connects the _______________ and the _______________.
      b. It is only a few _______________ long.
      c. It monitors reflex actions, _______________ rate, blood _______________, and _______________.
      d. Injury could cause _______________.

E. Bundle of Nerves
   1. The _______________ is formed from the narrowing medulla.
      a. It is protected by a bone called the _______________.
      b. _______________ reveal spinal cord damage.
      c. The brain is no longer able to _______________ nerves below a totally cut spinal cord, resulting in _______________.
      d. Training equipment in _______________ helps reduce the possibility of damage to the _______________.
