Parts of the Brain

Directions:

Use a separate sheet of paper to record your answers.

Carefully match the parts of the brain to the descriptions given below. You may want to briefly add why you put what you did so that if my answer differs from your answer buy you show logic; you can still get the point. This, however, is optional.

1. Epileptic seizures have become so severe that the two hemispheres of the brain are disconnected during surgery. This quiets the electrical storm raging between the two sides.
2. A blow to the base of the head makes the person wobble and struggle to run.
3. Damage to this area from a stroke makes a person incapable of sewing or doing other things with the sensitive finger nerves because what their fingers are doing can’t be interpreted.
4. Damage to this area causes a person not to form memories properly, like the guy in the movie Memento.
5. Pressure from a tumor on this part of the brain causes a person to fly off the handle when simple emotional pressures arise. Teens tend to use this part more than their rational frontal lobe when judging situations, causing them to overreact sometimes.
6. A football player hits the back of his helmet on the ground and experiences blurred vision.
7. A malfunction in this organ was once thought to cause synesthesia, a disorder in which letters have colors and sounds make you itch. Certain foods or flavors may have a “pointy” feeling as well.
8. Low brain chemicals and an underdevelopment in this area cause a person to be a hermit who can’t play the social game. They just seem odd to other people.
9. Stimulation of this area causes our increased sexual interests as we get older. Under stimulation can cause anorexia because normal activity here stimulates girls to eat more so their bodies are ready for childbearing.
10. A brain injury makes someone sluggish because areas of the brain pertinent to concentration and paying attention aren’t notified. (The key here is that higher portions of the brain that need to be stimulated aren’t getting notified by this part of the brain. It’s more general — not specific just to sensory information.)
11. Crushing of this area causes all vital functions to cease, as when Dale Earnhardt crashed his car into the wall at Daytona.
12. Some cases of dyslexia may be a problem of lack of communication between these two regions of the brain. They deal with language comprehension and sight (Put one area and one of the lobes!)
13. Dreams may be the result of your cerebrum trying to make sense of all sorts of signals that this part of the brain sends during sleep.
14. Imprints on the inside of skulls belonging to the supposed human ancestor Homo habilis indicate that is was probably during this stage of evolution that speech evolved. It’s found on the left hemisphere of the brain, in the front.