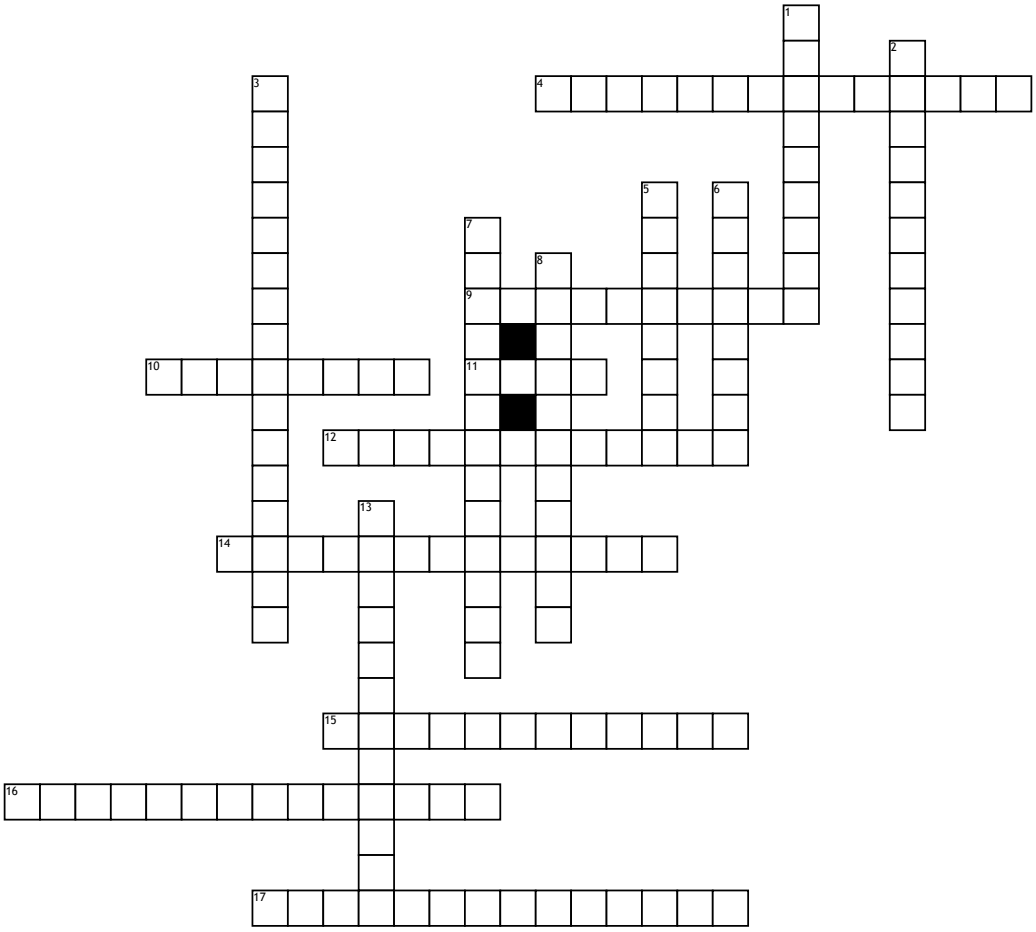
Name: _____ Date: _____

17 Parts of the Brain



Across

4. It physically joins the two hemispheres

9. It is the second largest part of the brain, and is involved in regulating the posture and balance, find motor control of skeletal muscles as well as repetitive movements.

10. It is located above the pons and is the smallest part of the brain stem

11. It is located just above the medulla

12. It coordinates activities of both the endocrine system and between voluntary and autonomic activities. It is attached directly to the pituitary gland

14. They function in integration of sensory information with the exception of vision, hearing, and smell.

15. Group of nuclei located below the cerebral cortex and corpus callosum

16. it is a endocrine gland that is directly attached to the hypothalamus and is divided into an anterior and posterior portions.

17. Eighty percent of the brain that has four lobes.

Down

1. It is made up of the pons, midbrain, and the medulla oblangata

2. Neurons that send information from the brain to muscles and nerves

3. It is at the base of the brain stem and it contains nerve centers for the regulation of, heart rate, blood vessel diameter, respiration, swallowing, vomiting coughing, sneezing, and hiccoughing

5. It is composed of the frontal, parietal, occipital, and temporal, lobes

6. It functions to integrate all sensory information (with the exception of smell) from the body, and channels it into proper processing regions in the cerebrum.

7. It functions to receive and interpret visual signals

8. It provides motor function, but also deals with aggression, mood, foresight, motivation, and social judgements.

13. It functions in memory, learning, vision, and emotional behavior.

Word Bank

Motor cortex	Hypothalamus	Pons	Pituitary gland	Occipital Lobe
Parietal Lobes	Cerebrum	Brain Stem	Medbrain	Medulla oblongata
Corpus callosum	Cerebral cortex	Thalamus	Temporal lobe	Basal ganglia
Frontal lobe	Cerebellum			

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