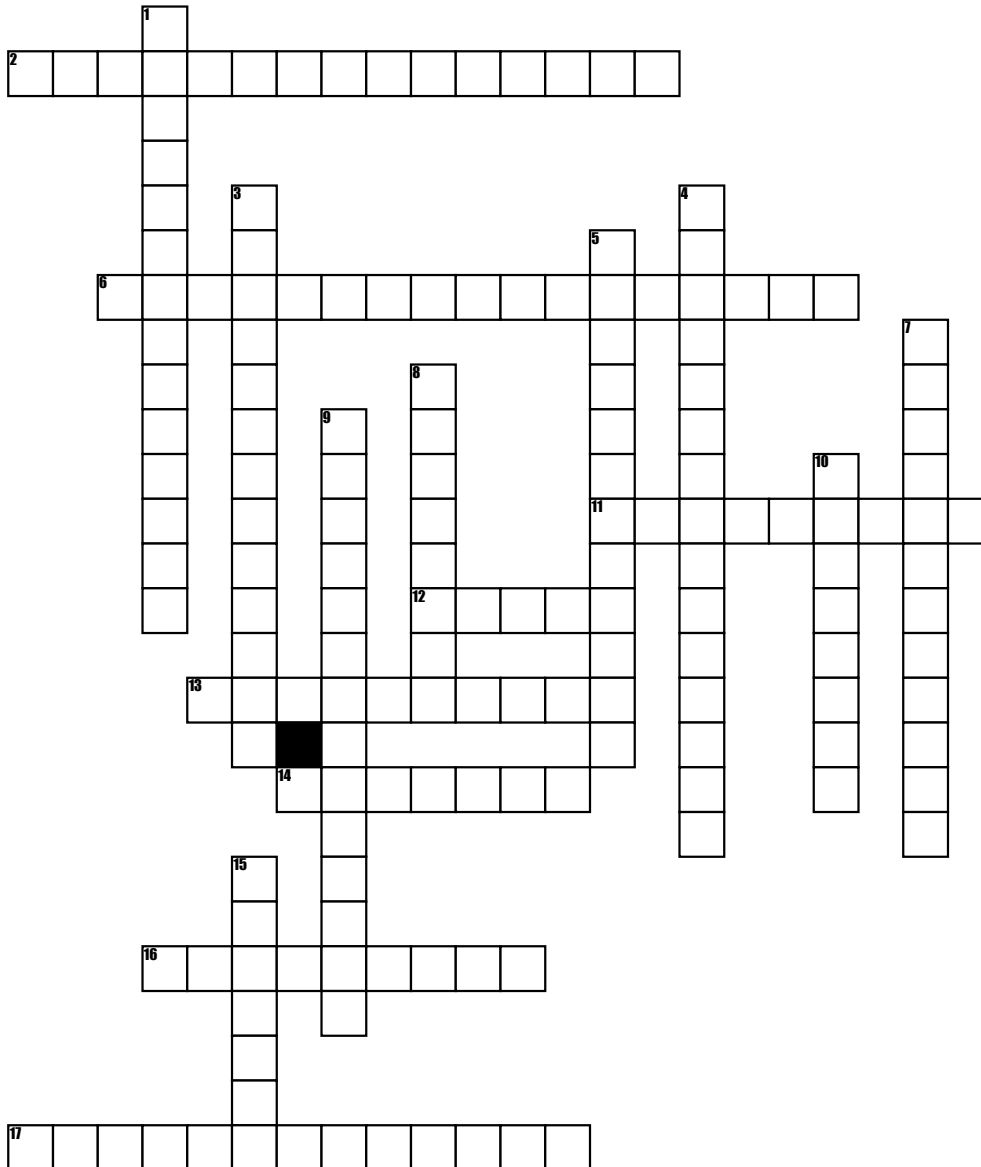


cross word glossery



Across

2. a sense organ

6. a chemical substance which is released at the end of a nerve fibre by the arrival of a nerve impulse and, by diffusing across the synapse or junction, effects the transfer of the impulse to another nerve fibre, a muscle fibre, or some other structure.

11. a compound present in blood platelets and serum, which constricts the blood vessels and acts as a neurotransmitter.

12. the long thread-like part of a nerve cell along which impulses are conducted from the cell body to other cells

13. a hormone secreted by the adrenal glands that increases rates of blood circulation, breathing, and carbohydrate metabolism and prepares muscles for exertion.

14. a specialized cell transmitting nerve impulses; a nerve cell

16. a short branched extension of a nerve cell, along which impulses received from other cells at synapses are transmitted to the cell body.

17. warning you of pain

Down

1. a structure in a living organism, especially a sensory cell or sense organ, that responds to light falling on it.

3. also known as suprarenal glands

4. the major endocrine gland, a pea-sized body attached to the base of the brain that is important in controlling growth and development and the functioning of the other endocrine glands.

5. a complex system of nerves and networks in the brain, involving several areas near the edge of the cortex concerned with instinct and mood.

7. is a lipid-rich substance that surrounds the axon of some nerve cells, forming an electrically insulating layer.

8. a roughly almond-shaped mass of grey matter inside each cerebral hemisphere, involved with the experiencing of emotions.

9. a sensory cell or organ responsive to chemical stimuli.

10. a compound present in the body as a neurotransmitter and a precursor of other substances including adrenaline.

15. a junction between two nerve cells, consisting of a minute gap across which impulses pass by diffusion of a neurotransmitter.