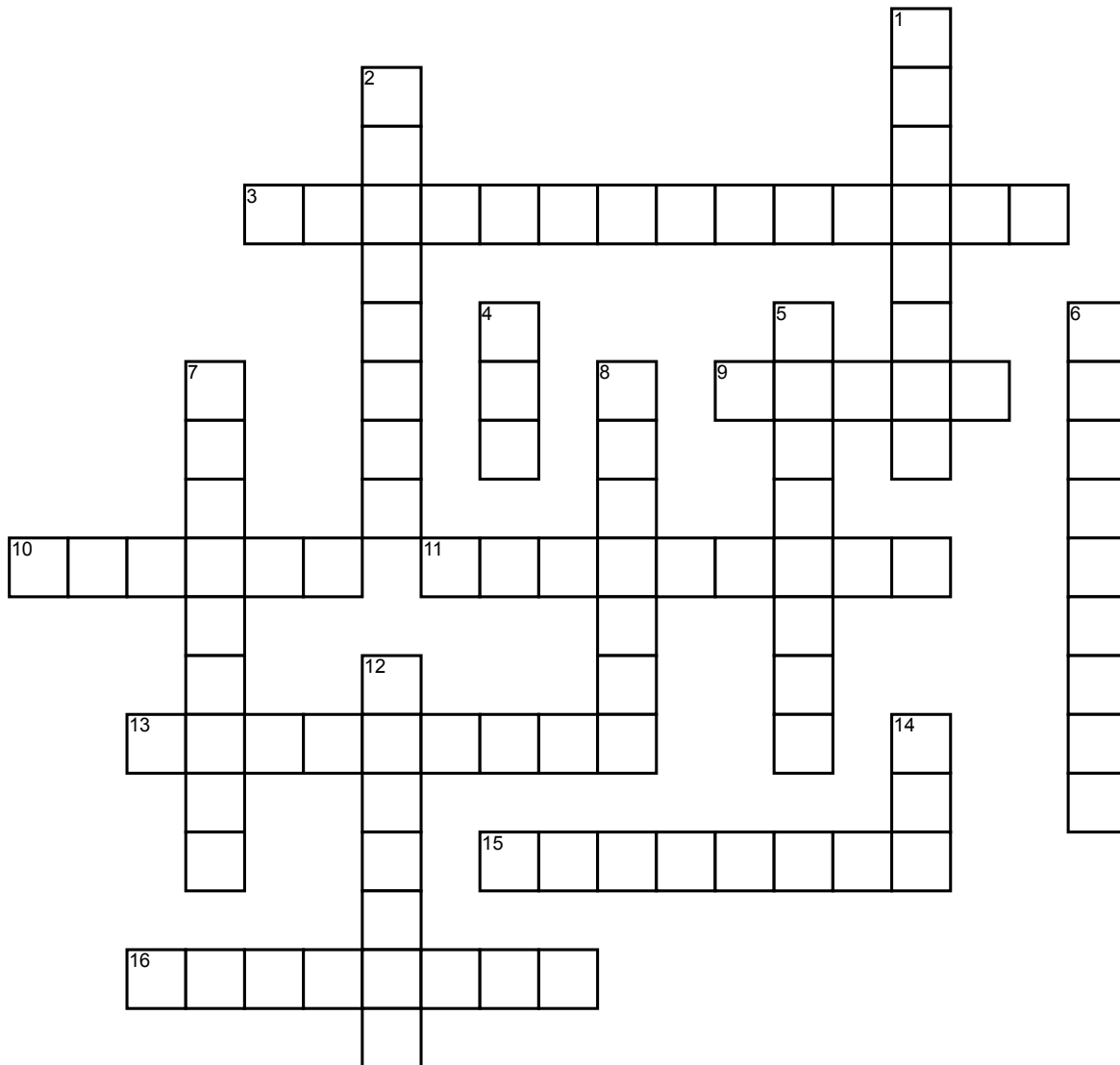


Hormones and Homeostasis



Across

3. This is the monthly release of an egg from a woman's ovaries

9. The neurones that carry electrical impulses from the CNS to effectors

10. An action that is performed without conscious thought as a response to a stimulus

11. All of your muscles and glands which respond to nervous impulses

13. This gland secretes FSH and LH

15. This is a condition that affects your ability to control your blood sugar level

16. A person has this treatment when no kidneys are available to be transplanted

Down

1. This makes the liver turn glycogen into glucose

2. This gland produces insulin which is used to regulate the blood glucose level

4. The concentration of urine is controlled by this hormone

5. Chemical messengers which are secreted from glands directly into the blood.

6. Cells that detect stimuli

7. This happens at stage 3 of the menstrual cycle

8. A person goes through this when they reach sexual maturity and become capable of reproduction

12. This organ makes urine by removing waste products from your blood

14. This receives information from the receptors and then coordinates a response