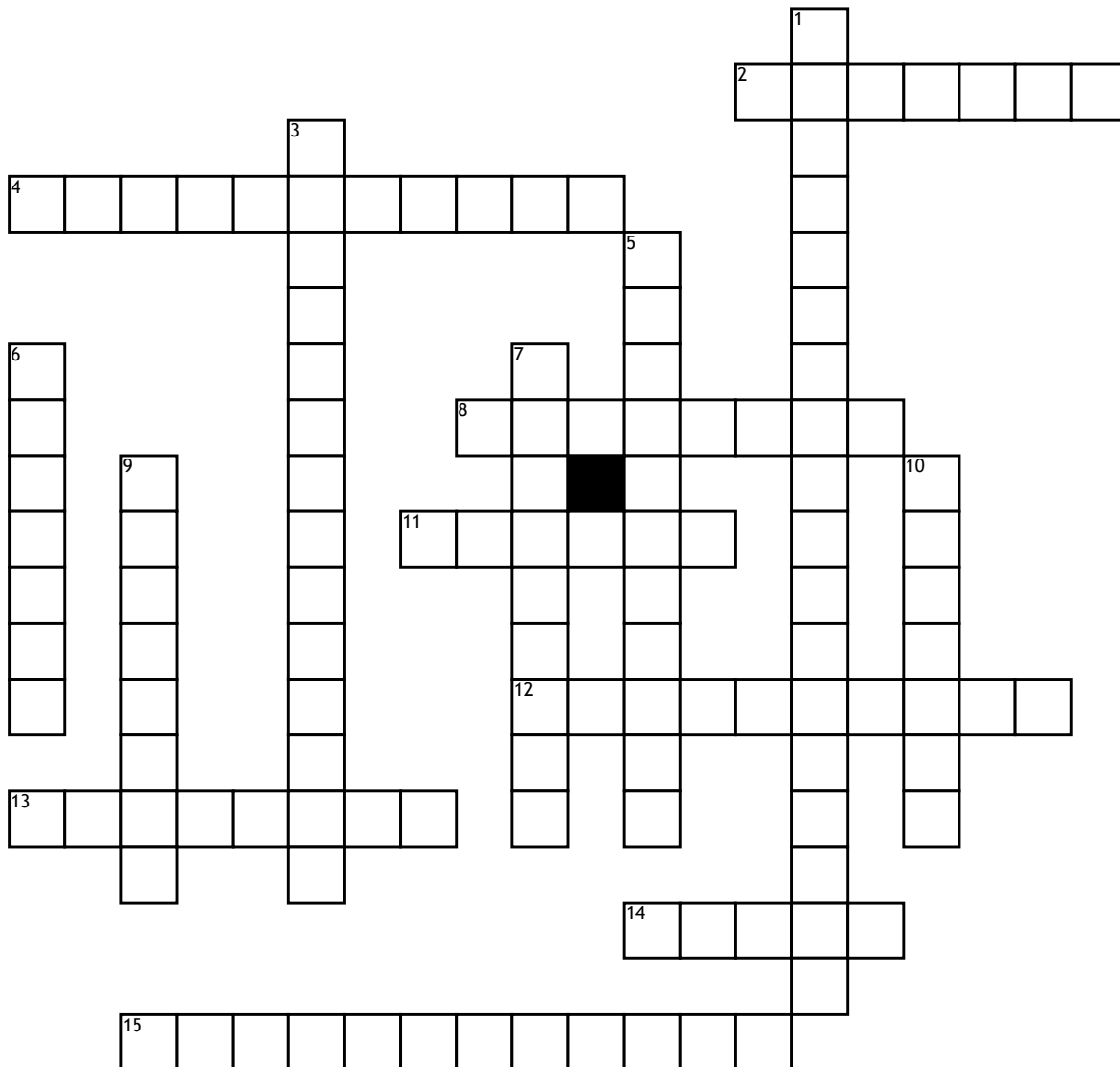


Sydney's crossword puzzle Key



Across

2. Tiny grains of pigment in the cortex that give natural color to the hair

4. Thickness or diameter of the individual hair strands

8. The part of the hair contained within the follicle, below the surface of the scalp

11. Middle layer of the hair; fibrous protein core formed by elongated cells containing melanin pigment

12. Units that are joined together end to end by peptide bonds to form the polypeptide chains that comprise proteins

13. A weak, temporary side bond between adjacent polypeptide chains

14. Spiral shape created by polypeptide chains that intertwine around each other

15. Weak physical side bond that is easily broken by water or heat

Down

1. Infestation of the hair and scalp with head lice

3. Process by which newly formed cells in the hair bulb mature, fill with keratin, move upward, lose their nucleus, and die

5. The number of individual hair strands found on 1 square inch of scalp

6. Innermost layer of the hair, composed of round cells; often absent in fine hair

7. The portion of hair that projects beyond the skin

9. Tube-like depression or pocket in the skin or scalp that contains the hair root

10. Tuft of the hair that stands straight up