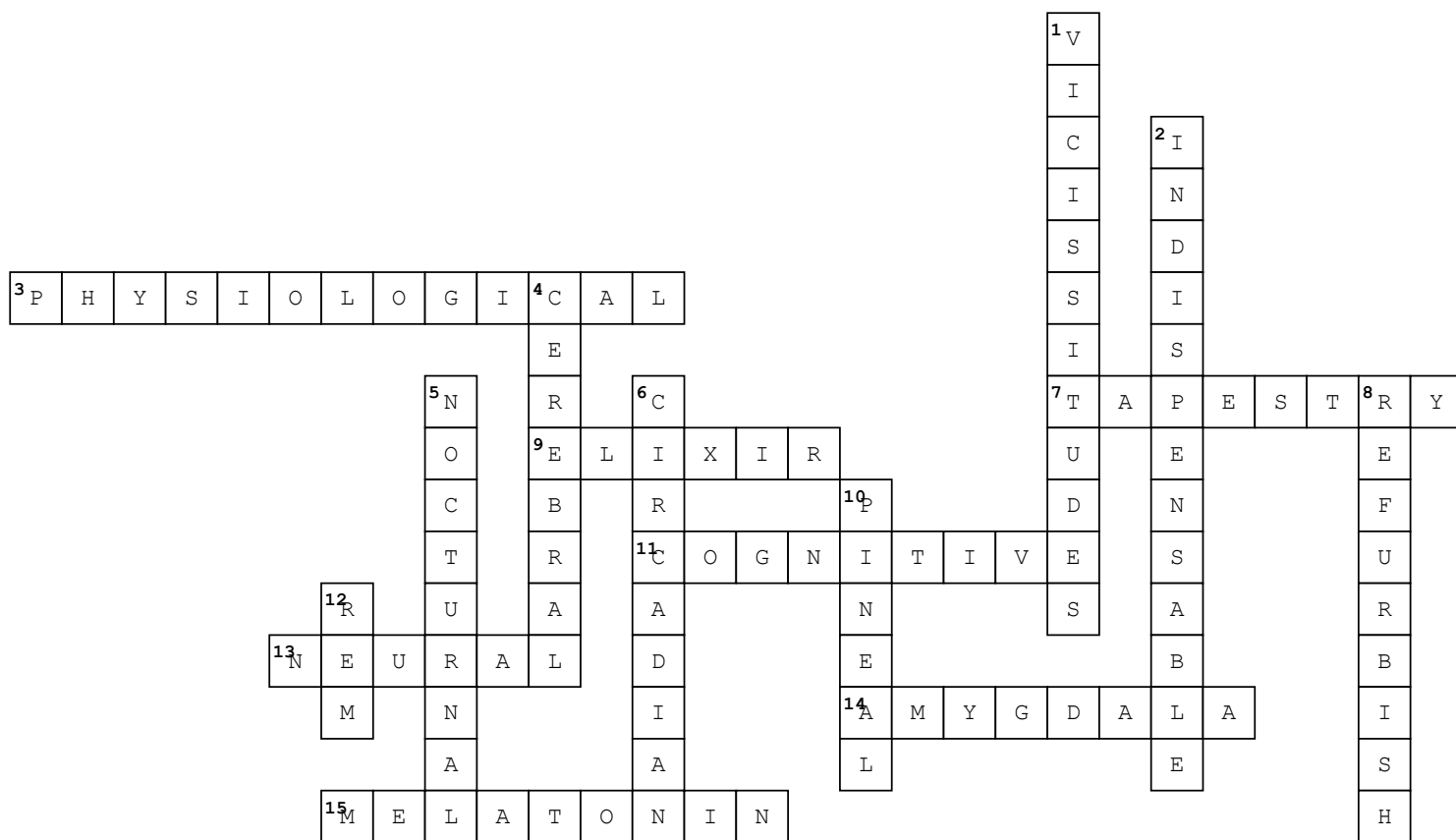


# The science of sleep



## Across

3. Relating to the way in which a living organism's parts function.
7. A thick woven fabric, often with pictures or designs, used for wall hangings or soft furnishings.
9. A magical or medicinal potion.
11. Concerned with the act or process of knowing and perception.
13. Related to nerves or the nervous system.
14. An almond-shaped part of the brain involved in the processing of emotions.
15. A hormone that regulates sleep-wake cycles.

## Down

1. Changes or variations in circumstances or fortune, often unwelcome or unpleasant.
2. Absolutely necessary or essential.
4. Pertaining to the brain; intellectual.
5. Done or active during the night.
6. Relating to the roughly 24-hour cycle in the physiological processes of living beings.
8. To renovate or redecorate.
10. Relating to the pineal gland, a small endocrine gland in the vertebrate brain.
12. Rapid Eye Movement; a phase of sleep marked by vivid dreams and active brain activity.