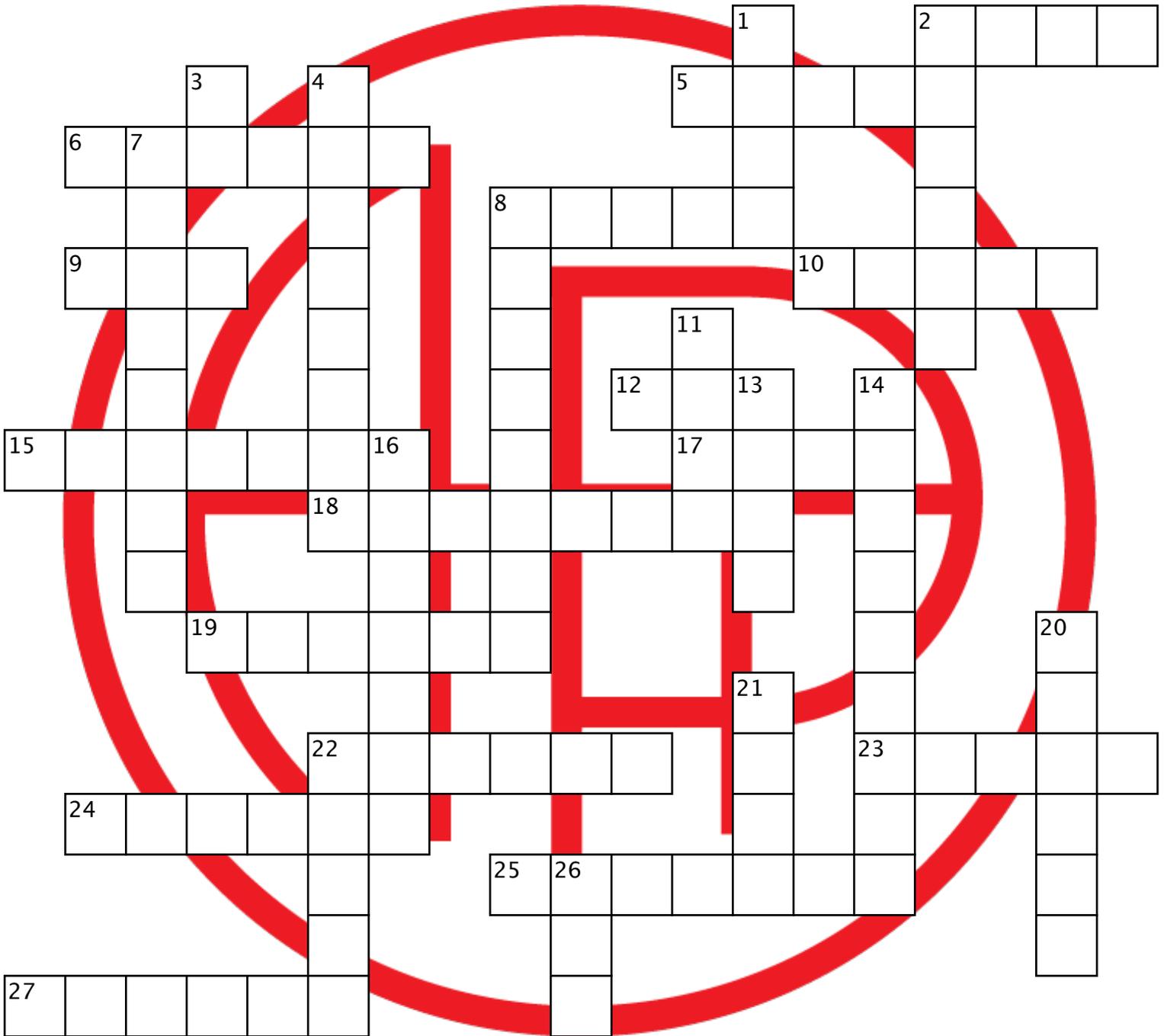


# Particle Physics



## Across

2. despite its lazy name, this physics lab produced three Nobel prizes
5. you'll find this particle in the middle
6. a very flavourful particle
8. drawing an interaction diagram with these particles is a bit sticky

## Down

1. this famous particle lab doesn't really have its own police force, despite what Dan Brown says
2. a Canadian particle physics lab; not as cold as it sounds
3. the lightest quark; has its own movie

## Across

9. a boson, but in spite of its name not the last particle discovered
10. this particle is a bit cheesy
12. this quark is top-heavy
15. a French agricultural particle
17. possible dark matter that ignored Charles Atlas
18. like Bertie Bott's Beans, these particles can change their flavour
19. a familiar exchange particle, used in torpedoes
22. the most beautiful quark, although few admit it nowadays
23. the nicest quark
24. these particles get paid tons of money for their job
25. the weirdest quark; very long-lived
27. these particles are at the centre of all atomic models

## Down

4. what Ben Franklin thought the electron was
7. this particle gets into such a state when it's excited
8. a serious exchange particle
11. this quark is rather sad
13. a baker's favourite meson
14. a hypothetical partner particle having nothing to do with the Thracian gladiator
16. This particle walks into a bar and asks how much for a beer. "For you," replies the bartender, "no charge."
20. where particle physicists go to drink
21. a cat's favourite particle
22. in bad light this particle might be mistaken for a seaman
26. differing from the way by a single letter