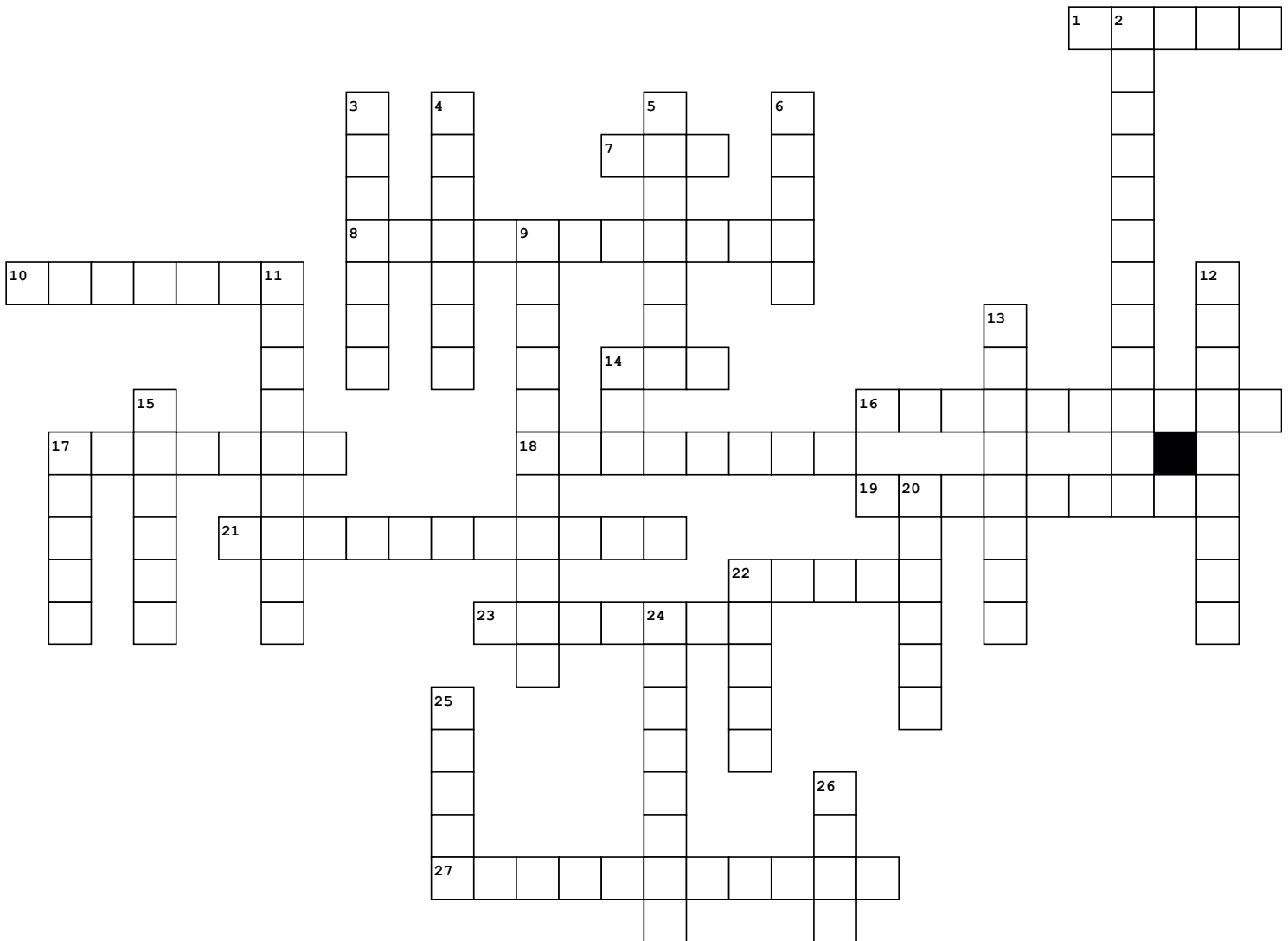


Physics Crossword 11



Across

1. at one end of the electromagnetic spectrum (5)
7. Greek letter used to represent the energy needed to remove an electron from the surface of a metal (3)
8. the rate of condensation increases if the ____ of the gas is decreased (11)
10. these particles are made up of 3 quarks (7)
14. country with the most Nobel laureates in physics (3)
16. element 112 (symbol Cn) was named after this astronomer (10)
17. country with the physicist awarded the first Nobel prize in physics (7)
18. values found from a single judgement (8)
19. they have no mass or charge (9)

Down

2. happens when a particle meets its corresponding anti-particle (12)
3. subatomic particle discovered in 1932 (7)
4. red, green and blue are the ____ colours of light (7)
5. they have no mass or charge (7)
6. element 102 (symbol No) was named after this engineer (5)
9. involves a liquid changing to a gas (11)
11. cyan, magenta and yellow are the ____ colours of light (9)
12. force caused by like-charges (9)
13. subatomic particle discovered in 1897 (8)

- 21.** areas of compression and ____ (11)
- 22.** ke (5)
- 23.** type of lens that always creates virtual images (7)
- 27.** a state of balance between opposing forces (11)

- 14.** where NASA is based (3)
- 15.** subatomic particle discovered in early 20th century (6)
- 17.** Greek letter used to represent an exchange particle (6)
- 20.** mgh (6)
- 22.** element 100 (symbol Fm) was named after this physicist (4)
- 24.** a type of mechanical wave where pressure variation propagates through a material (8)
- 25.** ma (5)
- 26.** in our solar system there are ____ rocky planets (4)