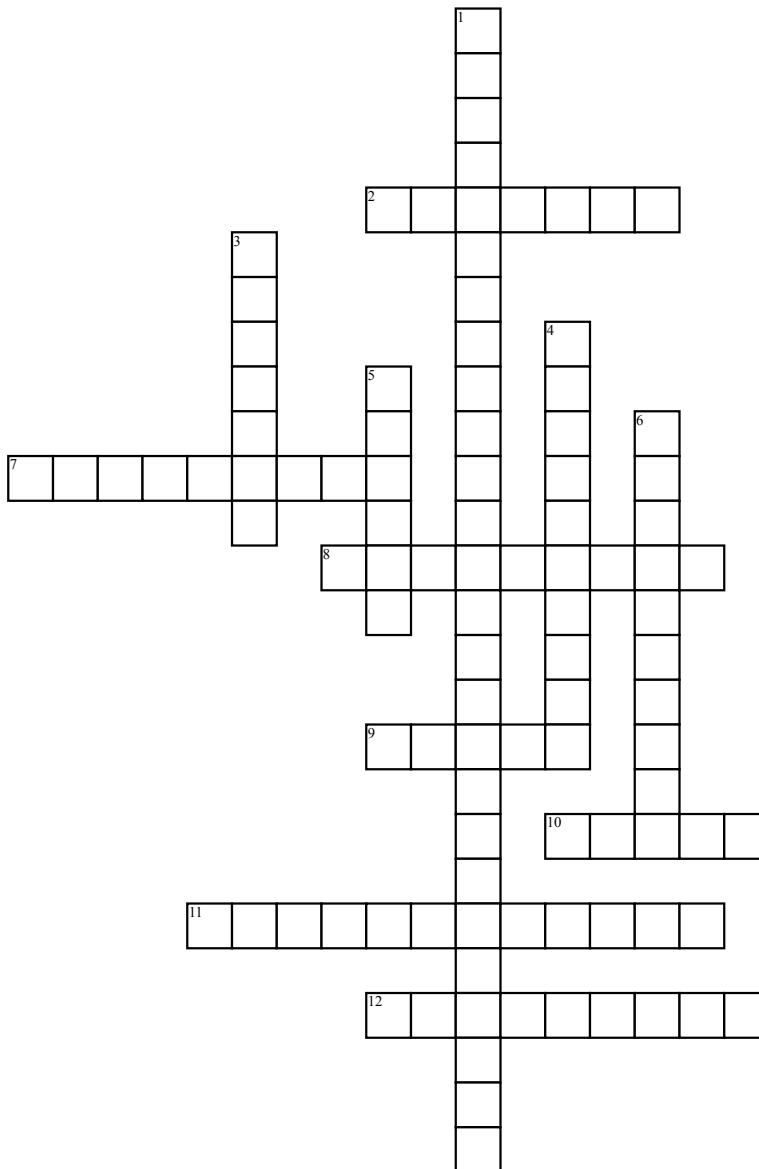


Carl Friedrich Gauss



Across

2. Invented the method of least _____

7. Created an equation for Gauss's Law for _____, which states that magnetic monopoles do not exist

8. 1809 he published an important two-volume work on the motion of heavenly bodies – Theory of Motion of the _____ Bodies.

9. Discovered the _____ number theorem when he was a teenager

10. Helped in the discovery of this dwarf planet

11. Seventeen-sided polygon or 17-gon; Antient Greeks could not discover it

12. The number of regular polygons that can be constructed using only straightedges and compass that Friedrich Gauss discovered

Down

1. Published this book in 1801 (2 words)

3. Showed that earth's magnetic field can be defined using what kind of system of measurement? (2 words)

4. Invented this in 1821; is a mirror that reflects the sun's rays over very long distances.

5. In his book, Gauss explained modern _____ theory

6. This is Gauss's discovery that every integer can be formed by summing at most three _____ numbers.