

Missing Mathematicians

Answers by David Pleacher

In each of the sentences below, replace the blanks with the last name of a famous mathematician to complete the sentence.

1. **ABE** Lincoln gave his famous address at Gettysburg.

Niels Henrik Abel was a Norwegian mathematician who made pioneering contributions in a variety of fields. His most famous single result is the first complete proof demonstrating the impossibility of solving the general quintic equation in radicals.

2. Pickle Ball is **NEW TO** Nearly everyone.

Sir Isaac Newton was an English mathematician, astronomer, theologian, author and physicist who is widely recognized as one of the most influential scientists of all time. Along with Leibniz he invented the calculus.

3. Mr. P said that Superman was his **HERO**, Not Batman.

Heron or Hero of Alexandria was a mathematician and engineer who developed a formula for the area of a triangle using the lengths of the three sides.

4. 2, 4, 6, 8, and 10 are called **eVEN** Numbers.

John Venn was an English logician and philosopher noted for introducing the Venn diagram, used in the fields of set theory, probability, logic, statistics, and computer science.

5. In Jop**PA**, **SCALing** cliffs is a favorite activity.

Blaise Pascal was a French mathematician, physicist, inventor, writer and Catholic theologian, known for Pascal's Wager and Pascal's Triangle.

6. The Vietnam Veterans Memorial **WALL IS** a tribute to those who fought in the Vietnam War.

John Wallis was an English clergyman and mathematician who is given partial credit for the development of infinitesimal calculus.

7. "You **CAN'T OR** you won't?" asked the teacher.

Georg Ferdinand Ludwig Philipp Cantor was a German mathematician who invented set theory.

8. The prayer of St. Padre Pio Pietrelcina begins, "**STAY LORD** with me because you are my light and without you I am in darkness."

Brook Taylor was an English mathematician who is best known for Taylor's theorem and the Taylor series.

9. This Vien**NA PIER** juts out into the Danube River.

John Napier was a Scottish landowner who was a mathematician, physicist, and astronomer. He is known for "Napier's bones."

10. In gol**FER MATH**, one under par is called a birdie and two under par is called an eagle.

Pierre de Fermat was a French lawyer and a mathematician who invented modern number theory and is given credit for early developments that led to infinitesimal calculus.

Fermat's Last Theorem is one of the most famous theorem in number theory.

11. One should **BOO LEss** and cheer more. Be positive, not negative.

George Boole was an English mathematician, who developed Boolean algebra.

12. What does a sea lion or a wal**RUS SELL** for?

Bertrand Arthur William Russell was a British philosopher, logician, mathematician, historian, writer, social critic, political activist, and Nobel laureate.

13. **ZEN** Offers the Buddhist principles of Mushin, Zanshin, and Satori to help you live your best life every single day.

Zeno of Elea was a pre-Socratic Greek philosopher and mathematician who is known for Zeno's paradoxes.

14. We **owe** **IL**linois a debt of thanks for three Presidents: Abraham Lincoln, Ulysses S. Grant, and Barack Obama, who were all living in this state when they were elected President.

André Weil was an influential French mathematician of the 20th century, known for his foundational work in number theory and algebraic geometry.

15. New Belgium Fat Tire and Maine Beer Company MO are **boTH** **ALES**, not lagers.

Thales, an engineer by trade, is known as the first Greek philosopher, mathematician and scientist. He founded the geometry of lines, so is given credit for introducing abstract geometry.

16. Suggested sizes for a **FLAG RANGE** from 3' x 5' for a 20' pole to 60' x 100' for a 200' pole.

Joseph-Louis Lagrange was an Italian mathematician and astronomer. He made significant contributions to the fields of analysis, number theory, and both classical and celestial mechanics.

17. **GALO** **IS** a resort hotel with several locations in Portugal.

Évariste Galois was a French mathematician. His work laid the foundations for Galois theory and group theory, two major branches of abstract algebra.

18. According to a study published in 2018 by Navigant research group, **TesLA** **PLACEd** dead last in the self-driving race out of 19 companies. GM finished first followed by Waymo, Daimler-Bosch, and Ford.

Pierre-Simon, marquis de Laplace was a French scholar whose work was important to the development of mathematics, statistics, physics and astronomy.