

Tau Day Quiz

1. When is Tau Day celebrated?

- ☐ a) June 14
- ☐ b) June 28
- ☐ c) July 22
- ☐ d) March 14

(Answer: b) June 28)

2. What mathematical constant does Tau represent?

- ☐ a) 3.14
- ☐ b) 1.41
- ☐ c) 2π
- ☐ d) e

(Answer: c) 2π)

3. What is the approximate value of Tau?

- ☐ a) 3.14
- ☐ b) 6.28
- ☐ c) 9.81
- ☐ d) 1.61

(Answer: b) 6.28)

4. Tau is most commonly used in which branch of mathematics?

- ☐ a) Algebra
- ☐ b) Geometry
- ☐ c) Calculus
- ☐ d) Statistics

(Answer: b) Geometry)

5. Who is a major advocate of using Tau instead of Pi?

- ☐ a) Isaac Newton
- ☐ b) Michael Hartl
- ☐ c) Carl Gauss
- ☐ d) Euclid

(Answer: b) Michael Hartl)

6. Which shape is closely related to Tau in mathematics?

- ☐ a) Square
- ☐ b) Triangle
- ☐ c) Circle
- ☐ d) Hexagon

(Answer: c) Circle)

7. In Tau-based mathematics, a full circle is how many radians?

- ☐ a) π
- ☐ b) 2π
- ☐ c) τ
- ☐ d) $\pi/2$

(Answer: c) τ)

8. What is half of Tau?

- ☐ a) π
- ☐ b) e
- ☐ c) 1
- ☐ d) $\sqrt{2}$

(Answer: a) π)

9. Which famous number is approximately equal to 3.14?

- ☐ a) e
- ☐ b) τ
- ☐ c) π
- ☐ d) ϕ

(Answer: c) π)

10. Tau supporters argue it simplifies which concept in math?

- ☐ a) Prime factorization
- ☐ b) Exponential growth
- ☐ c) Radian measure
- ☐ d) Logarithmic scales

(Answer: c) Radian measure)

11. What is the Tau Manifesto?

- ☐ a) A physics paper
- ☐ b) A blog promoting Tau
- ☐ c) A law of thermodynamics
- ☐ d) A geometry textbook

(Answer: b) A blog promoting Tau)

12. Which formula becomes simpler using Tau instead of Pi?

- ☐ a) Volume of a cube
- ☐ b) Area of a square
- ☐ c) Euler's identity
- ☐ d) Unit circle formulas

(Answer: d) Unit circle formulas)

13. What is the formula for a circle's circumference using Tau?

- ☐ a) $2\pi r$
- ☐ b) πd

- ☐ c) τr
- ☐ d) τd

(Answer: c) τr)

14. What is the formula for the area of a circle using Tau?

- ☐ a) τr^2
- ☐ b) $(\tau/2)r^2$
- ☐ c) $2\tau r$
- ☐ d) τd^2

(Answer: b) $(\tau/2)r^2$)

15. What is the main goal of celebrating Tau Day?

- ☐ a) Promote square roots
- ☐ b) Celebrate irrational numbers
- ☐ c) Replace e with Tau
- ☐ d) Raise awareness of Tau in mathematics

(Answer: d) Raise awareness of Tau in mathematics)

