

# Mathematics Foundations for Teens

Mathematics · Practice Test · 8 Questions

---

**1. What is the value of Pi (?) rounded to two decimal places?**

- A) 3.12
- B) 3.14
- C) 3.16
- D) 3.18

**2. What is the sum of the interior angles of a triangle in Euclidean geometry?**

- A) 90 degrees
- B) 180 degrees
- C) 270 degrees
- D) 360 degrees

**3. Which of these is the formula for the area of a rectangle?**

- A) Length + Width
- B)  $2 * (\text{Length} + \text{Width})$
- C) Length \* Width
- D) Length / Width

**4. What is the result of 2 to the power of 4 ( $2^4$ )?**

- A) 6
- B) 8
- C) 12
- D) 16

**5. In the equation  $y = mx + c$ , what does the letter 'm' represent?**

- A) The y-intercept
- B) The slope
- C) The variable x
- D) The constant

**6. What do you call a polygon with exactly five sides?**

- A) Hexagon
- B) Heptagon
- C) Pentagon
- D) Octagon

**7. Which number is considered the only even prime number?**

- A) 0
- B) 1
- C) 2
- D) 4

**8. What is the square root of 81?**

- A) 7
- B) 8
- C) 9
- D) 11