

# Mathematics Knowledge Quiz

Mathematics · Answer Key · 15 Questions

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1. What is the name of a polygon that has exactly eight sides?

- A) Hexagon
- B) Heptagon
- C) Octagon**
- D) Nonagon

2. In the number system, what is the value of 0 raised to the power of 0 typically defined as in most school-level contexts?

- A) 0
- B) 1**
- C) Undefined
- D) Infinity

3. Which number is the only even prime number?

- A) 0
- B) 2**
- C) 4
- D) 6

4. How many degrees are in a straight angle?

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

5. What is the term for a triangle that has three unequal sides?

- A) Equilateral
- B) Isosceles
- C) Scalene**
- D) Right

6. If a circle has a radius of 5 cm, what is its diameter?

- A) 2.5 cm
- B) 5 cm
- C) 10 cm**
- D) 25 cm

7. Which mathematical constant is approximately equal to 3.14159?

- A) Phi
- B) Euler's number
- C) Pi**
- D) Square root of 2

8. How many faces does a standard cube have?

- A) 4
- B) 6**
- C) 8
- D) 12

9. What is the result of 15 multiplied by 12?

- A) 150
- B) 170
- C) 180**
- D) 200

10. Which of these numbers is a square number?

- A) 12
- B) 24
- C) 36**
- D) 48

11. What is the perimeter of a rectangle with a length of 6 cm and a width of 4 cm?

- A) 10 cm
- B) 20 cm**
- C) 24 cm
- D) 48 cm

12. How many years are in a millennium?

- A) 10
- B) 100
- C) 1,000**
- D) 10,000

13. Which of these fractions is equivalent to 0.5?

- A) 1/2**
- B) 1/3
- C) 1/4
- D) 2/5

**14. What is the square root of 144?**

- A) 10
- B) 11
- C) 12**
- D) 14

**15. How many sides does a pentagon have?**

- A) 4
- B) 5**
- C) 6
- D) 7