

Pre-Algebra Quick Facts

Pre-Algebra · Answer Key · 12 Questions

1. What is the value of the first digit after the decimal point in Pi (?)?

- A) 1
- B) 4**
- C) 5
- D) 7

2. In the year 1776, the United States declared independence. What is the sum of the digits in 1776?

- A) 21**
- B) 19
- C) 20
- D) 18

3. The formula for the area of a rectangle is $A = l \times w$. If the length (l) is 10 and the width (w) is 5, what is the area?

- A) 50**
- B) 15
- C) 25
- D) 100

4. Who is credited with developing the Pythagorean theorem, often written as $a^2 + b^2 = c^2$?

- A) Archimedes
- B) Pythagoras**
- C) Euclid
- D) Galileo Galilei

5. What is the result of 7 multiplied by 8?

- A) 49
- B) 54
- C) 56**
- D) 64

6. If you have 12 cookies and eat 3, how many cookies do you have left?

- A) 15
- B) 9**
- C) 8
- D) 10

7. What is the value of 10 squared (10^2)?

- A) 20
- B) 100**
- C) 10
- D) 1000

8. The Roman numeral 'X' represents which number?

- A) 5
- B) 10**
- C) 15
- D) 20

9. What is the smallest whole number greater than 0?

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

10. If a circle has a diameter of 14 cm, what is its radius?

- A) 28 cm
- B) 7 cm**
- C) 3.14 cm
- D) 14 cm

11. What is the product of 5 and 0?

- A) 5
- B) 0**
- C) 1
- D) 10

12. In the year 1984, George Orwell published his famous novel. What is the sum of the digits in 1984?

- A) 22
- B) 19
- C) 21**
- D) 20