

# 1

## Questions

**1. Convert the following number to base 2: 555.**

- A. 1001011101
- B. 1000101011
- C. 1000101010
- D. 1000100011

**2. Find the remainder when 555 is divided by 13.**

- A. 7
- B. 3
- C. 9
- D. 5

**3. Which of these numbers is not a factor of 555?**

- A. 5
- B. 185
- C. 74
- D. 37

**4. If you divide a total of 555 apples equally among 111 people, how many apples does each person get?**

- A. 3
- B. 6
- C. 4
- D. 5

**5. In a geometric progression, 555 is the third term. If the first term is 5, what is the common ratio?**

- A. 7
- B. 5
- C. 3
- D. 9

**6. Which of the following is the approximate square root of 555, rounded to the nearest whole number?**

- A. 25
- B. 24
- C. 22
- D. 23

**7. What is the arithmetic mean of the numbers 123, 234, 555, and 678?**

- A. 400
- B. 397.5
- C. 399
- D. 398

**8. What is the decimal number 555 in hexadecimal representation?**

- A. 22A
- B. 223
- C. 231
- D. 22B