



## 1. Rounding Method

Estimate the sum of 5,432,109,876 and 6,765,432,123 by rounding both numbers to the nearest billion.

- A) 12 billion
- B) 11 billion
- C) 13 billion
- D) 10 billion

## 2. Front-End Estimation

Use front-end estimation to estimate the sum of 9,876,543,210 and 1,234,567,890 by focusing on the first few digits.

- A) 11 billion
- B) 10 billion
- C) 12 billion
- D) 13 billion

## 3. Clustering Method

Estimate the sum of 3,456,789,123, 3,654,321,987, and 3,543,210,987. These numbers are close to the same value.

- A) 10.5 billion
- B) 11 billion
- C) 9.5 billion
- D) 10 billion

#### 4. Compatible Numbers (Division)

Estimate the result of  $9,876,543,210 \div 2,345,678,912$  by rounding both numbers to easier numbers.

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

#### 5. Rounding Method

Estimate the difference between 12,345,678,910 and 7,654,321,234 by rounding both numbers to the nearest billion.

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

#### 6. Front-End Estimation

Use front-end estimation to estimate the difference between 7,654,321,098 and 2,345,678,901.

- A) 5 billion
- B) 4 billion
- C) 6 billion
- D) 3 billion

### 7. Compatible Numbers (Multiplication)

Estimate the result of  $2,123,456,789 \times 3,987,654,321$  by rounding both numbers to easier numbers.

- A) 8 trillion
- B) 6 trillion
- C) 9 trillion
- D) 7 trillion

### 8. Clustering Method

Estimate the sum of 8,765,432,100, 8,876,543,200, and 8,987,654,300. These numbers are close to each other.

- A) 27 billion
- B) 26.5 billion
- C) 25 billion
- D) 26 billion

### 9. Compatible Numbers (Subtraction)

Estimate the difference between 9,999,999,999 and 4,444,444,444 by rounding both numbers to easier numbers.

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

### 10. Front-End Estimation

Use front-end estimation to estimate the sum of 1,987,654,321 and 6,543,210,987.

- A) 8 billion
- B) 9 billion
- C) 7 billion
- D) 10 billion

### 11. Clustering Method

Estimate the sum of 2,345,678,912, 2,234,567,891, and 2,123,456,789 by clustering the numbers.

- A) 6 billion
- B) 7 billion
- C) 6.5 billion
- D) 7.5 billion

### 12. Compatible Numbers (Division)

Estimate the result of  $7,654,321,098 \div 876,543,210$  by rounding both numbers to easier numbers.

- A) 9
- B) 8
- C) 7
- D) 6

### 13. Rounding Method

Estimate the product of 1,234,567,890 and 9,876,543,210 by rounding both numbers to the nearest billion.

- A) 12 trillion
- B) 10 trillion
- C) 15 trillion
- D) 9 trillion

### 14. Front-End Estimation

Use front-end estimation to estimate the product of 6,543,210,987 and 1,234,567,890.

- A) 7 trillion
- B) 8 trillion
- C) 6 trillion
- D) 9 trillion

### 15. Compatible Numbers (Subtraction)

Estimate the difference between 8,765,432,109 and 2,345,678,901 by rounding both numbers to easier numbers.

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