

Advanced Arithmetic Mastery

Mathematics · Practice Test · 18 Questions

1. What is the result of subtracting the sum of 456 and 789 from the product of 12 and 150?

- A) 55
- B) 155
- C) 255
- D) 355

2. If a store inventory has 2,345 items and receives a shipment of 890, then sells 1,422, what is the final count?

- A) 1,813
- B) 1,823
- C) 1,913
- D) 1,923

3. Calculate the difference between the sum of the first ten prime numbers and the sum of the first ten positive integers.

- A) 104
- B) 109
- C) 129
- D) 134

4. A marathon runner has covered 28,450 metres of a 42,195-metre race. How many metres remain?

- A) 13,745
- B) 13,645
- C) 14,745
- D) 14,645

5. Evaluate: $5,678 - (1,234 + 987) + 345$.

- A) 3,802
- B) 3,702
- C) 3,902
- D) 3,602

6. What is the value of $10,000 - 4,321 - 1,234$?

- A) 4,445
- B) 4,545
- C) 4,345
- D) 4,645

7. A library holds 15,000 books. If 2,450 books are borrowed and 1,120 books are returned in one day, how many books remain?

- A) 13,670
- B) 13,570
- C) 13,770
- D) 13,470

8. Solve for x: $x + 4,567 = 12,345 - 3,210$.

- A) 4,568
- B) 4,558
- C) 4,468
- D) 4,668

9. The population of a city is 85,600. If 4,200 people move in and 5,800 move out over a year, what is the new population?

- A) 83,900
- B) 84,000
- C) 84,100
- D) 84,200

10. Calculate the result of $98,765 - 12,345 + 5,432$.

- A) 91,852
- B) 92,852
- C) 90,852
- D) 93,852

11. What is the difference between the largest four-digit number and the smallest four-digit number?

- A) 8,888
- B) 8,999
- C) 9,000
- D) 9,100

12. If you add 7,890 to the difference of 20,000 and 5,678, what is the total?

- A) 22,212
- B) 22,312
- C) 21,212
- D) 23,212

13. A train travels 450km in the morning and 375km in the afternoon. If the total route is 1,200km, how much distance remains?

- A) 375km
- B) 425km
- C) 475km
- D) 325km

14. Determine the value of $55,555 - 11,111 + 22,222$.

- A) 66,666
- B) 65,666
- C) 64,666
- D) 67,666

15. What is the sum of all integers from 1 to 50, subtracted by 1,000?

- A) 275
- B) 285
- C) 295
- D) 305

16. A manufacturing plant produced 50,000 units. It scrapped 1,250 as defective and sold 38,750. How many units are in stock?

- A) 10,000
- B) 11,000
- C) 12,000
- D) 13,000

17. Evaluate: $9,999 + 8,888 - 7,777$.

- A) 11,110
- B) 11,210
- C) 11,010
- D) 11,100

18. If a bank account has \$12,500 and a \$3,750 deposit is made followed by a \$5,250 withdrawal, what is the balance?

- A) 11,000
- B) 10,000
- C) 12,000
- D) 13,000